Samsung GALAXY Tab S

TABLET

User Manual

Please read this manual before operating your device and keep it for future reference.

SAMSUNG

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The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

Legal Information

Important legal information can be accessed in writing on the mobile device or at samsung.com

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Full written terms and detailed information about the warranty and obtaining service are available on the device at: **Settings** > **General** > **About device** > **Legal information** > **Samsung legal** or you may access the online version of the Health/Safety and Warranty guide for your device at:

English
samsung.com/us/Legal/Tablet-HSGuide

Spanish
samsung.com/us/Legal/Tablet-HSGuide-SP

The online version of the **End User License Agreement (EULA)** for your device can be found online at:
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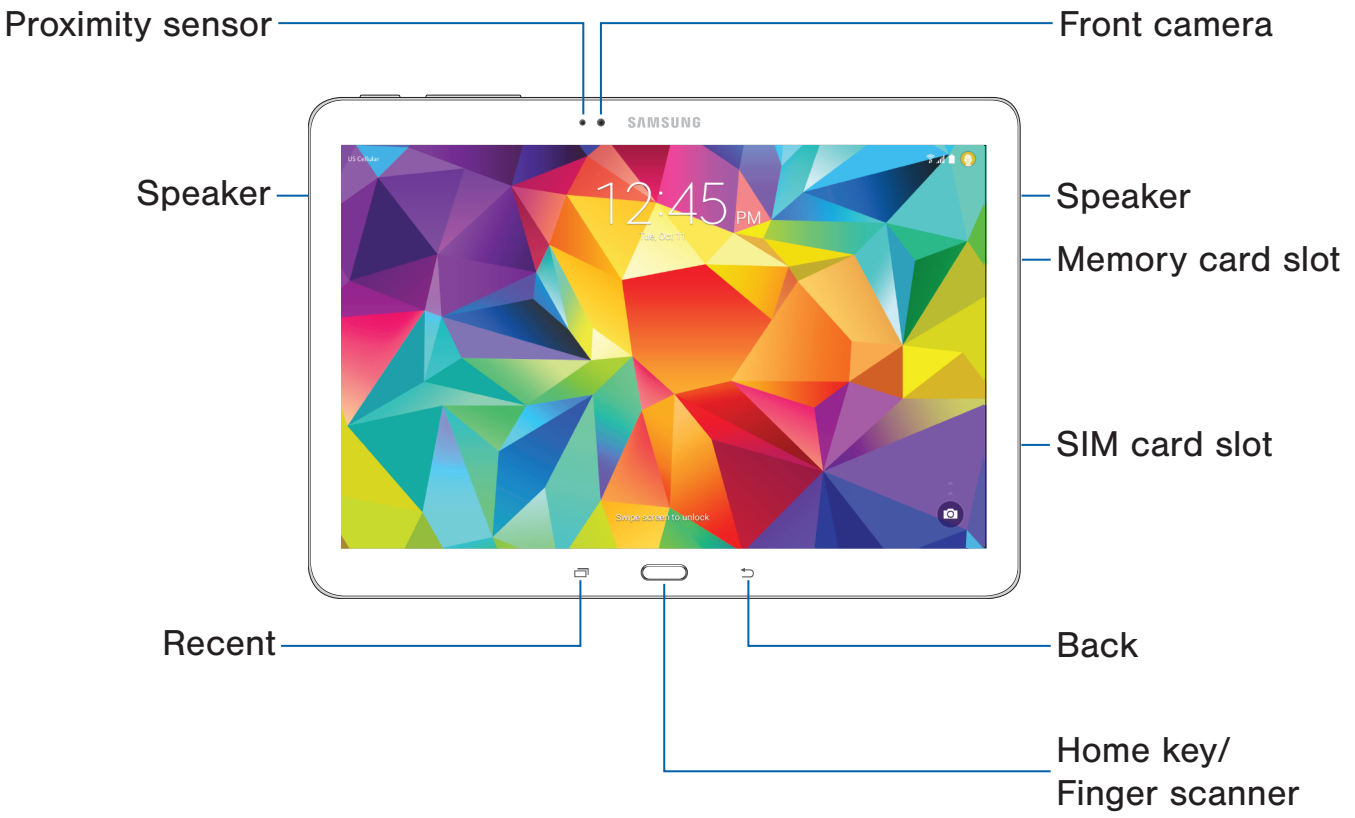
Getting Started

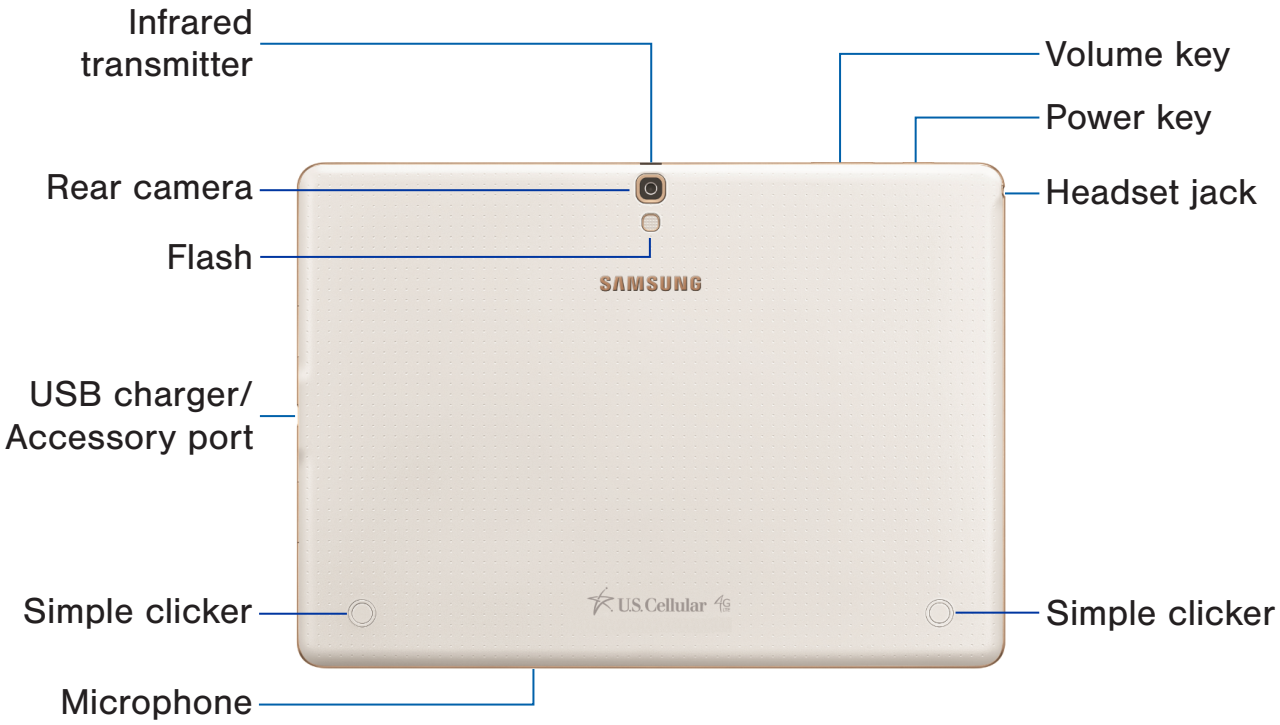
Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Front View



- **Front camera**: Take self-portraits and record videos of yourself.
- **Speaker**: Play music and other sounds.
- **Memory card slot**: Install an optional memory card (not included) for storage of files.
- **SIM card slot**: Install the SIM card here.
- **Back**: Return to the previous screen, or close a dialog box, menu, or keyboard. Touch and hold for Multi window™.
- **Home key/Finger scanner**: Return to the Home screen. Activate the Fingerprint security feature.
- **Recent**: Tap to display recent apps, or touch and hold for Home screen options.
- **Speaker**: Play music and other sounds.
- **Proximity sensor**: Detect the presence of objects near the device.

Back View



- **Volume key**: Adjust the volume of your device's sounds.
- **Power key**: Press and hold to turn the device on or off, restart it, or for quick access to Airplane mode. Press to lock or wake up the screen.
- **Headset jack**: Connect an optional headset (not included).
- **Simple clicker**: Securely attach optional covers (not included) to these retractable attachment points.
- **Microphone**: Record audio and detect voice commands.
- **USB charger/Accessory port**: Connect the USB charger (included) and other optional accessories (not included).
- **Flash**: Illuminate subjects in low-light environments when taking a photo or recording video.
- **Rear camera**: Take pictures and record videos.
- **Infrared transmitter**: Control external devices using infrared transmissions.

Assemble Your Device

This section helps you to assemble your device.

Install the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card. During activation, your SIM card is loaded with your subscription details, such as your PIN, available optional services, and other features.

Warning: Please be careful when handling the SIM card to avoid damaging it. Keep all SIM cards out of reach of small children.

1. Open the SIM card slot cover and turn to expose the slot.
2. Carefully slide the SIM card into the SIM card slot until the card locks into place.

   Make sure that the card's gold contacts face into the device and that the upper-left angled corner of the card is positioned as shown.

3. Close the SIM card slot cover.

Caution: If the card is not inserted correctly, the device cannot detect the SIM card. Re-orient the card and place it back into the slot if the SIM is not detected.

Install an Optional Memory Card

You can install an optional microSD™ or microSDHC™ memory card (not included) to add more memory space to your device.

Note: A memory card can be installed at any time; it is not necessary to install it prior to using the device.

For more information on installing a memory card, see Memory Card (SD Card).

1. Open the memory card slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.

3. Close the memory card slot cover.

Charge the Battery

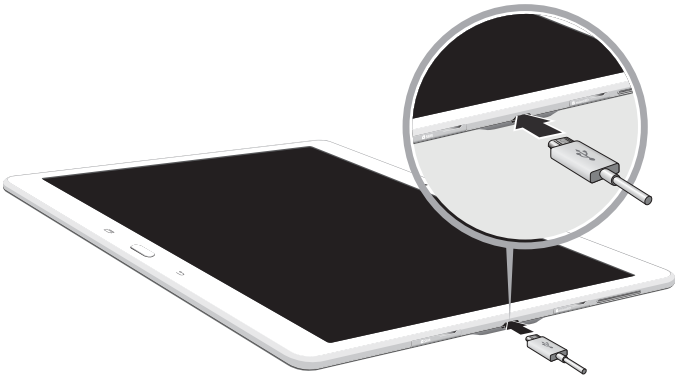
Your device is powered by a rechargeable, standard Li-Ion battery. A USB charger (charging head and USB cable) is included with the device for charging the battery from any standard outlet.

The battery comes partially charged. You can use the device while charging.

Note: It is recommended you fully charge the battery before using your device for the first time.

Caution: Use only charging devices and batteries approved by Samsung. Samsung accessories are designed for your device to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

1. Insert the USB cable into the USB charger/ Accessory port.



2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.
3. Unplug the charging head from the outlet and remove the USB cable from the device when charging is complete.

Caution: Failure to unplug the wall charger before you remove the battery can cause damage to the device.

When to Charge the Battery

When the battery is low and only a few minutes of operation remain, the device sounds a warning tone at regular intervals.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

For a quick check of your battery level:

► View the battery charge indicator located in the top right corner of your device's display. A solid color ( ) indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see Battery.

Set Up Your Device

Turn Your Device On or Off

The instructions below explain how to turn your device on or off.

Turn the Device On

To turn the device on:

► Press and hold the **Power** key until the device turns on.

Turn the Device Off

To turn the device off:

1. Press and hold the **Power** key until the Device options screen is displayed.
2. Tap **Power off**, and confirm if prompted.

Restart the Device

If your device stops responding to taps or finger gestures and you are unable to turn it off, you can restart your device.

► Press and hold the **Power** key and the **Volume down** key at the same time for more than seven seconds.

Initial Set Up

The first time you turn your device on, the Welcome screen is displayed. It guides you through the basics of setting up your device.

Follow the prompts to choose a default language, connect to a Wi-Fi® network, set up accounts, choose location services, learn about your device's features, and more.

Note: Voice Assistant provides voice prompts and descriptions of items on the screen to improve accessibility. During setup, you can enable or disable Voice Assistant by pressing the **Home** key quickly three times.

Secure Your Device

Use your device's screen lock features to secure your device.

Lock the Device

By default, the device locks automatically when the screen times out.

To lock the device:

► Press the **Power** key.

Unlock the Device

The default Screen lock on your device is Swipe.

Note: To choose a more secure screen lock, see Set a Screen Lock.

To unlock your device:

► Press the **Power** key or **Home** key, and then drag your finger across the screen.

Set Up Accounts on Your Device

Samsung Account

Create a Samsung account for access to Samsung content and apps on your device. When you turn on your device for the first time, set up your existing Samsung account or create a new Samsung account.

– or –

To create a new Samsung account or set up your Samsung account on your device at any time, use Accounts settings. For more information, see Accounts.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Accounts** > **Add account** > **Samsung account**.

Google Account

Your new device uses your Google™ Account to fully utilize its Android™ features, including Gmail™, Google Hangouts™, and the Google Play™ store.

When you turn on your device for the first time, set up your existing Google Account or create a new Google Account.

– or –

To create a new Google Account or set up your Google Account on your device at any time, use Accounts settings. For more information, see Accounts.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Accounts** > **Add account** > **Google**.

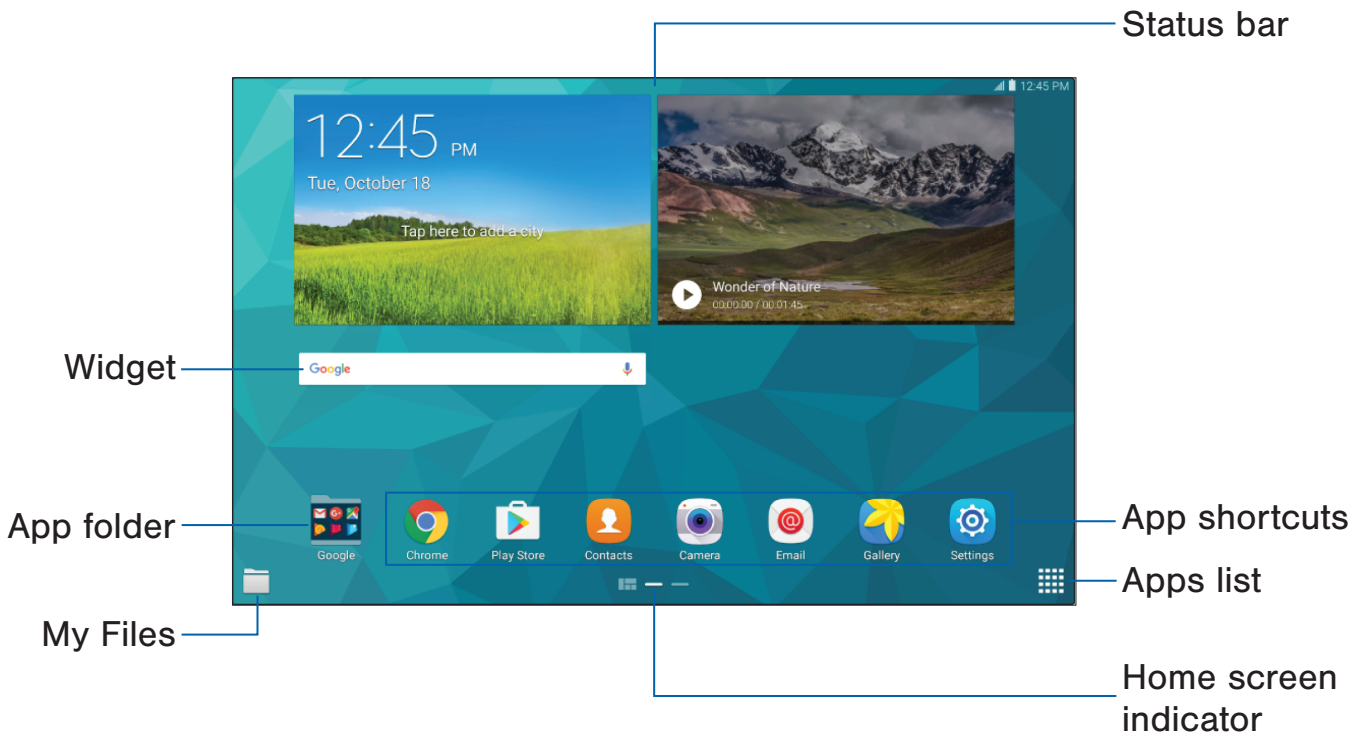
Know Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a capacitive stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen

The Home screen is the starting point for using your device.



- **Status bar**: Displays device status icons (right) and notification icons (left). For more information, see Status Bar.
- **App shortcuts**: Launches your favorite applications.
- **Apps list**: Allows quick access to all of your applications.
- **Home screen indicator**: Indicates which Home screen is currently visible.
- **My Files**: Launches the My Files app. For more information, see My Files.
- **App folder**: Groups multiple apps into a folder.
- **Widget**: Runs as a simple application extension (not a shortcut) on a Home screen.

Customize your Home screens by adding application shortcuts, widgets, folders, and using wallpapers.

To access Home screen manager:

► From a Home screen, pinch the screen.

– or –

Touch and hold an empty space on the screen.

Manage Home Screens

Your device comes with multiple Home screens to hold app shortcuts and widgets. You can add, remove, change the order of screens, as well as choose a different main Home screen.

1. From a Home screen, pinch the screen.
2. Use these options to manage screens:
   - **Add a screen**: Swipe to the end of the screens, and then tap **Add**.
   - **Remove a screen**: Touch and hold a screen, and then drag it to **Delete**.
   - **Set a screen as the main Home screen**: Tap **Main Home screen** at the top of a screen. This screen is displayed when you press the Home key.
   - **Change the order of screens**: Touch and hold a screen, and then drag it to a new position.

Wallpapers

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.
2. Tap **Wallpapers** to customize.

For more information, see Wallpaper Settings.

To access Wallpaper settings:

► From a Home screen, tap **Apps** > **Settings** > **Device** > **Wallpaper**.

Widgets

Widgets are simple application extensions that run on a Home screen. There are many kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

Add a Widget to a Home Screen

You can add a widget to a Home screen.

1. From a Home screen, pinch the screen.
2. Tap **Widgets**.
3. Touch and hold a widget, drag it to a Home screen, and release it.

Remove a Widget

You can remove a widget that you added to a Home screen.

1. From a Home screen, touch and hold a widget to release it.
2. Drag the widget to **Delete** and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the Home screen.

App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

Add a Shortcut to a Home Screen

You can add a shortcut to a Home screen.

1. From a Home screen, tap **Apps**.
2. Touch and hold an app shortcut, drag it to a Home screen, and then release it.

Remove a Shortcut

You can remove a shortcut that you added to a Home screen.

1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to **Delete** and release it.

Note: Removing a shortcut does not delete the app, it just removes the shortcut from the Home screen.

Folders

Place folders on a Home screen to organize items.

Add a Folder to a Home Screen

1. From a Home screen, touch and hold an app shortcut.
2. Drag the shortcut onto **Create folder** and release.
3. Enter a folder name.
4. Tap **Add application** to place additional apps in the folder.
5. Tap **Save**.
   - A folder is created with the shortcuts inside.

Use Folders

- Tap a folder to open it and access the shortcuts inside.
- To add shortcuts to a folder, touch and hold the shortcut, and then drag it onto the folder and release.
- Tap **More options** to change the folder's color scheme.
- To delete a folder, touch and hold the folder until it detaches, and then drag it to **Delete** and release it.

Status Bar

The Status bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left.

Status Icons

Battery full: Battery is fully charged.

Battery low: Battery is low.

Battery charging: Battery is charging.

Vibrate mode: Vibrate mode is enabled.

Mute mode: Mute mode is enabled.

4G LTE active: The device is connected to a 4G LTE™ wireless network.

Signal strength: Cellular network signal strength.

Network not available: No wireless network is available.

Wi-Fi active: Wi-Fi is active.

Wi-Fi available: A Wi-Fi network is available.

Notification Icons

New email: New email has arrived.

New Gmail: New Gmail has arrived.

File download in progress: Download of a file or app is in progress.

File upload in progress: File is being uploaded or sent.

GPS active: Location service (GPS) is active and acquiring a signal.

App updates available: App updates are available from the Google Play store.

App updates complete: App installation or updates are complete.

Navigation

Learn the basics for how to navigate through your device.

Touchscreen Navigation

Use the following motions and gestures on your touchscreen to navigate the device.

Tap

Lightly tap items to select or launch them.

- Tap the keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app shortcut to launch the application.

Touch and Hold

Touch and hold items on the screen to activate them.

- Touch and hold a widget on a Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe

Lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

Touch and hold an item, and then move it to a new location.

- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.

Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch the screen to zoom out while viewing a picture or a web page.
- Spread your fingers on the screen to zoom in while viewing a picture or a web page.

Motions

Control your device by making specific motions with your hand above the device's screen.

To enable Motions and Gestures:

► From a Home screen, tap **Apps** > **Settings** > **Device** > **Motions**.

For more information, see Motions.

Common Options

The device uses basic command options to perform common actions.

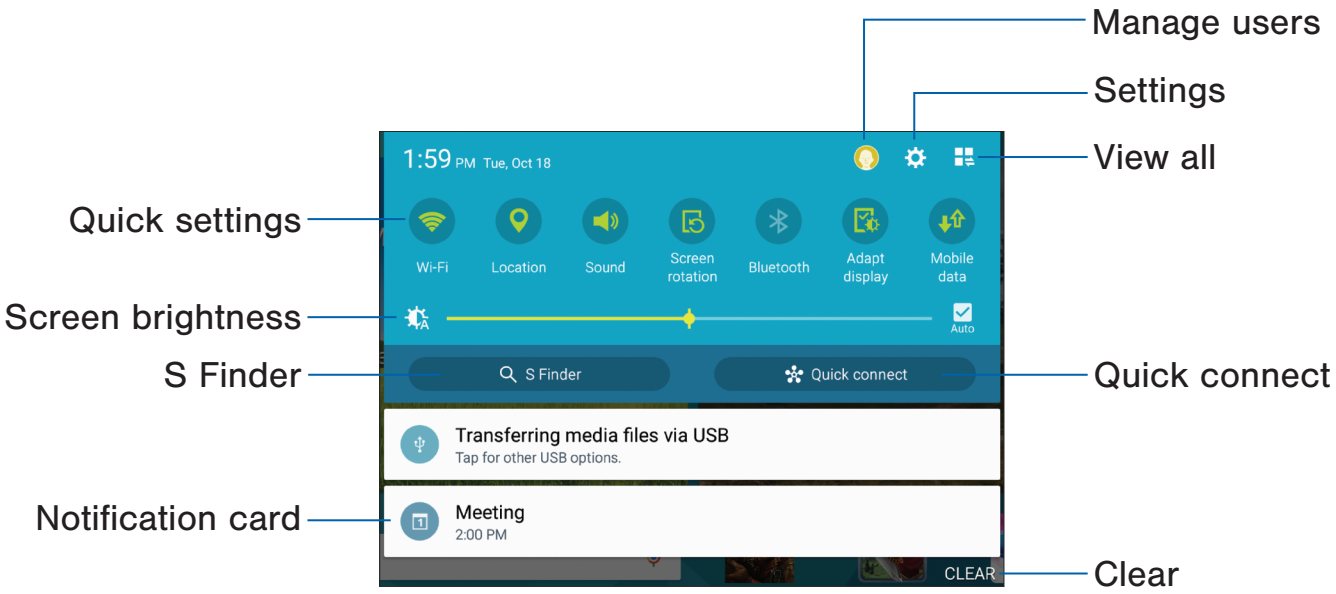
- **More options**: Tap to view more menu options for a screen. This often allows you to select items to delete or share.
- **Delete**: Tap to select items to delete.
- **Share**: Tap to select items to share, and then choose a sharing method.
- **Edit**: Tap to customize the screen.
- **On/Off**: Tap to turn the option on (

) or off (

).
- **Checkbox**: Tap to enable or select. When enabled, a checkmark is displayed. You can often tap a checkbox at the top of the screen to select all.
- **Menu**: Tap to view available options for the field.

Notification Panel

Notification icons on the Status bar display calendar events, device status, and more. For details, open the Notification panel.



Notification Panel Features

- **Manage users**: Change users or display Users settings.
- **Settings**: Display the Settings screen.
- **View all**: See all available Quick settings.
- **Quick connect**: Search for nearby devices to connect with quickly and easily.
- **Clear**: Clear all notifications.
- **Notification card**: View details about a notification.
- **S Finder**: Search for a wide variety of content with a keyword.
- **Screen brightness**: Adjust screen brightness.
- **Quick settings**: Quickly enable or disable a feature.

View the Notification Panel

You can access the Notification panel from any Home screen.

1. Drag the Status bar down to display the Notification panel.
2. Swipe down the list to see notification details.
   - To open an item, tap it.
   - To clear a single notification, drag the notification left or right.
   - To clear all notifications, tap **Clear**.
3. Drag upward from the bottom of the screen or tap **Back** to close the Notification panel.

Quick Settings

In addition to notifications, the Notification panel also provides quick access to device functions such as Wi-Fi and Bluetooth®, allowing you to quickly turn them on or off.

To view additional Quick settings:

1. Drag the Status bar down to display the Notification panel.
2. Tap **View all**.

S Finder

Find content on your device using filters such as media type, date, tag, or location. Your search can also be extended to the Internet.

Quick Connect

View a list of all nearby devices. Quickly connect to a device to share data or media, or allow them to connect to your device.

Customize Notification Panel

To customize Notification panel settings:

► From a Home screen, tap **Apps** > **Settings** > **Device** > **Notification panel**.

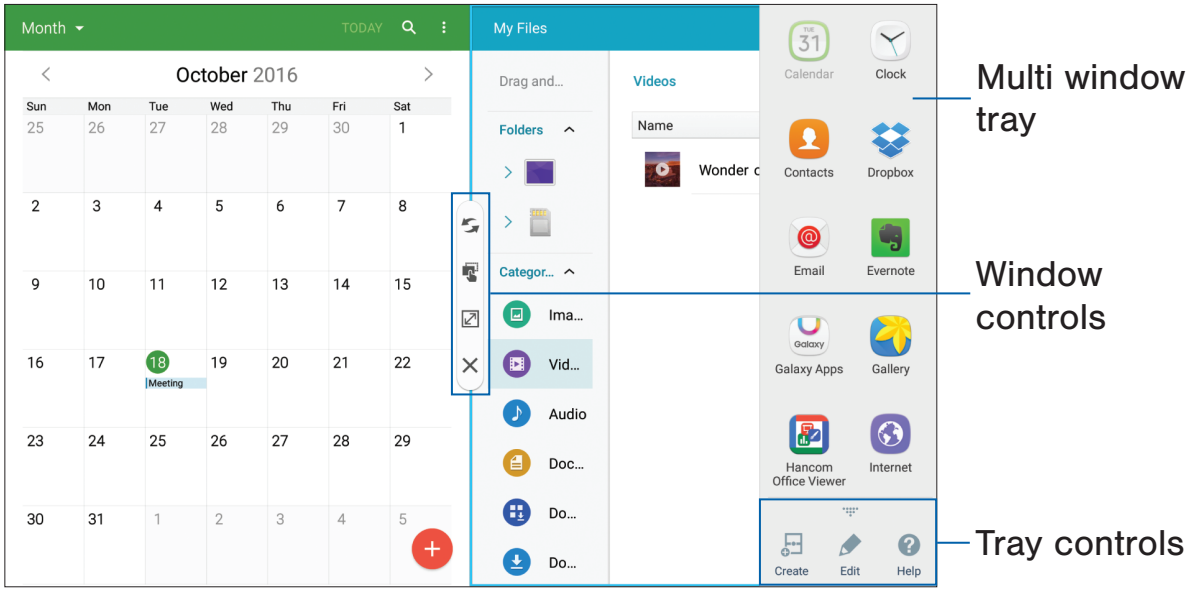
– or –

From the Notification panel, tap **View all** > **Edit**.

For more information, see Notification Panel.

Multi Window

Multitask by using multiple applications at the same time.



Activate Multi Window

Apps that support Multi window display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.

Note: Multi window is not available for all apps.

1. From any screen, touch and hold **Back**.
2. Tap two apps that support Multi window to open them in split screen view.

   - or -

   If you are currently using an app that supports Multi window, tap another app to add it in split screen view.

You can also launch recently used apps directly into Multi window view:

1. Tap **Recent**.
   - Recently used apps that support Multi window have a **Multi window** icon in their title bar.
2. Tap **Multi window** in the title bar to launch an application in split screen view.
   - Other recently used apps that support Multi window display below the launched app.
3. Tap an app icon to add it to the split screen view.

Note: Only applications that support Multi window have the Multi window icon.

Window Controls

Select an app window, and then tap **Window controls** in the middle of the window border.

Controls	
	Switch windows: Switch locations between Multi window apps.
	Drag and drop content: Move items between the app windows. Drag an item to share from one window to another. Not all applications support this feature.
	Maximize window: Open the selected app window in full screen view.
	Close app: Close the selected app.

Customize Multi Window

You can customize Multi window to suit your preferences.

Create a Window Group

If you like to use two apps together in Multi window often, you can create a window group to quickly display the two apps in Multi window.

The window group is stored in the Multi window tray, so you can choose it any time to display the two apps.

1. Touch and hold **Back** to display the Multi window tray, and then drag apps to the windows.
2. At the bottom of the Multi window tray, tap **Tray controls** > **Create**.

Change the Order of Apps in the Multi Window Tray

1. Touch and hold **Back** to display the Multi window tray.
2. Touch and hold an app, drag it to a new position in the tray, and then drop it.

Choose Apps to Display in the Multi Window Tray

You can choose the apps you want to display in the Multi window tray.

1. Touch and hold **Back** to display the Multi window tray.
2. Tap **Tray controls** > **Edit** for options:
   - To remove an app from the tray, touch and drag it off of the tray and place it in the storage area.
   - To add an app to the tray, touch and drag it from the storage area to the tray.
   - To relocate an app, touch and drag it to a new location.

Multi Window Settings

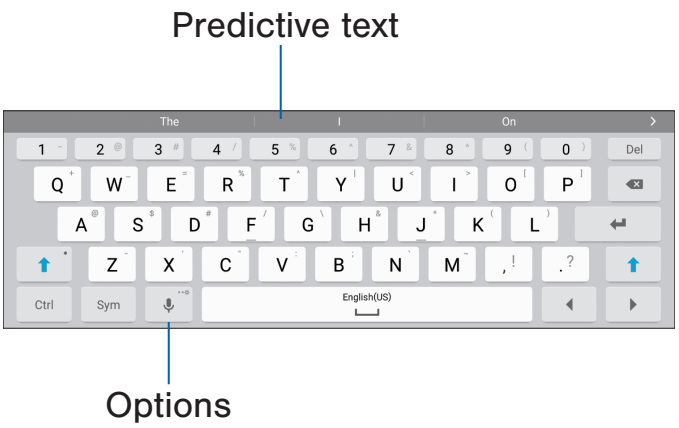
1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Multi window** for options:
   - Tap **Open in Multi window view** to automatically view content in a multi window when you open files from My Files or Video, or attachments from email.

Enter Text

Text can be entered using a keyboard or by speaking.

Use the Samsung Keyboard

Enter text using a QWERTY keyboard.



Special Keys

Sym	**Symbol**: Tap to insert symbols.
Ctrl	**Control**: Touch and hold for quick access to cut (x), copy (c), paste (v), undo (z), redo (y), and select all (a).

Touch and hold **Options** for the following:

	Voice input: Enter text using Google Voice™ typing.
	Handwriting: Use your handwriting to enter text.
	Clipboard: Access the clipboard.
	Keyboard settings: Access keyboard settings.

Special Keys

	Emoticon: Insert an emoticon at the cursor position.
	Keyboard types: Change the layout of the keyboard.

Note: Available options depend on the app in use. Not all options are available for all apps.

Predictive Text

Predictive text suggests words that match your text entries, and can automatically complete common words. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving the accuracy of predicting text entries.

Configure the Samsung Keyboard

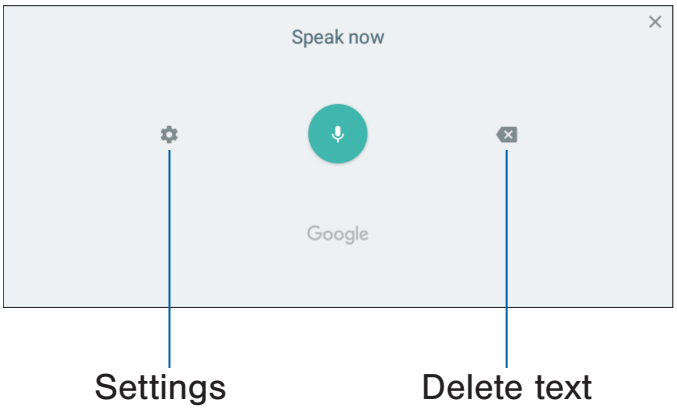
To customize the Samsung keyboard:

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input**.
3. Tap **Samsung keyboard** for options.

For more information, see Samsung Keyboard.

Use Google Voice Typing

Instead of typing, enter text by speaking.



To enable Google voice typing:

1. Tap **Voice input** on the Samsung keyboard.
   - You may need to touch and hold **Options** (left of the Space bar) to find it.
2. Speak your text.

Note: Tap **Settings** > **Languages** to download additional languages for use with Google voice typing.

Configure Google Voice Typing

To customize Google voice typing:

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input**.
3. Tap **Google voice typing** for options.

For more information, see Google Voice Typing.

Use Swype

Swype™ is a text input method that makes it possible to enter a word by sliding your finger or stylus (not included) from letter to letter, lifting your finger or stylus between words.

For example, to enter the word “this”, slide your fingers between the letters “t-h-i-s”.

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward to display the Notification panel.
2. Tap **Select keyboard**.
3. Tap **Swype**.

Configure Swype

To customize Swype:

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input**.
3. Tap **Swype** for options.

For more information, see Swype.

Applications

Learn how to change the way apps are displayed, organize apps into folders, and uninstall or disable apps.

Apps List

The Apps list displays all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Shortcuts to apps can be placed on any of the Home screens. For more information, see Add a Shortcut to a Home Screen.

Access Apps

You can access and launch all applications from the Apps list.

1. From a Home screen, tap **Apps**.
2. Tap an app's shortcut to launch it.
   - To return to the main Home screen, press the **Home** key.

Download and Install New Apps

Find new apps to download and install on your device.

- **Play Store**: Download new apps from the Google Play store. Visit play.google.com/store/apps to learn more.
- **Galaxy Apps**: View and download Samsung apps that are optimized for use with Galaxy devices. Visit samsung.com/levant/apps/mobile/galaxyapps to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.

To uninstall or disable an app:

1. From a Home screen, tap **Apps**.
2. Tap **More options** > **Uninstall/disable apps**. Apps that can be uninstalled or disabled display **Uninstall/disable** on their shortcut.
3. Tap **Uninstall/disable** and follow the prompts to either uninstall or disable the app.

To enable apps after disabling them:

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Tap **Menu**, choose **Disabled**, and then tap the app you want to enable.
3. Tap **Enable**. The app is displayed again in the Apps list.

Organize Your Apps

App shortcuts can be listed alphabetically or in your own custom order.

To change the order apps are listed:

1. From a Home screen, tap **Apps** > **More options** > **View as**.
2. Tap **Customizable grid**.
3. Tap **More options** > **Edit**.
4. Touch and hold an app shortcut or folder, and then drag it to a new location.
5. Tap **Save** when finished.

To alphabetize your apps:

1. From a Home screen, tap **Apps** > **More options** > **View as**.
2. Tap **Alphabetical order**.

Use Folders to Organize Apps

You can organize Apps in a folder on an Apps list screen.

► From a Home screen, tap **Apps** > **More options** > **Create folder**.

- **Enter folder name**: Name the folder.
- **Add application**: Place more apps in the folder. Tap apps to select them, and then tap **Save**.
- Tap **More options** to change the folder's color scheme.

A folder is created with the shortcuts inside.

To launch apps in a folder:

► Tap a folder, and then tap an app shortcut to launch it.

To delete a folder:

1. Tap **More options** > **Edit**.
2. Touch and hold the folder until it detaches.
3. Drag the folder to **Delete** and release, and then tap **OK**.
4. Tap **Save**.

Apps Screen Options

1. From a Home screen, tap **Apps**.
2. Tap **More options** for these options:
   - **Edit**: Touch and hold an app shortcut then drag it to:
     - **Create folder**: Create a new folder.
     - **Create page**: Create a new Apps screen and place the shortcut on it.
     - **App info**: View information about this app.
     - **Disable**: Disable the app.
     - **Uninstall**: Uninstall an app you have downloaded.
   - **Create folder**: Create a new folder to hold the app icon.
   - **View as**: Configure the apps screen.
   - **Downloaded apps**: View downloaded apps. Tap a shortcut on the Downloaded apps screen to launch the app.
   - **Uninstall/disable apps**: Remove an app that you downloaded to your device or disable a preloaded app (preloaded apps cannot be uninstalled). Tap **Uninstall/disable** to remove or disable the selected app.
   - **Hide apps**: Hide apps from the Apps list.
   - **Show disabled apps**: Display disabled apps. This option displays only if apps have been disabled.
   - **Show hidden apps**: Display hidden apps. This option displays only if apps have been hidden.
   - **Galaxy Essentials**: View and download Samsung apps that are optimized for use with Galaxy devices.
   - **Help**: View information about your device.

Google Apps

Enjoy these apps from Google.

Note: Certain apps require a Google Account. Visit google.com to learn more.

Chrome

Browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

Visit google.com/chrome/browser/mobile to learn more about Chrome™.

Drive

Open, view, rename, and share your Google Docs™ and files.

Visit drive.google.com to learn more about Google Drive™.

Gmail

Send and receive email with Gmail, Google's web-based email service.

Visit gmail.com to learn more.

Google

Search not only the Internet, but also the apps and contents of your device.

Google+

Chat with friends and family, post photos, and see what others are sharing.

Visit google.com/mobile/+ to learn more about Google+™.

Hangouts

Meet friends and family online, share photos, host video calls, and send SMS and Hangouts messages.

Visit hangouts.google.com to learn more.

Maps

Find your current location and get directions and other location-based information.

Visit google.com/maps to learn more.

Note: You must enable location services to use Google Maps™. For more information, see Location Services.

Photos

Automatically backs up your photos and videos to your Google Account.

Visit photos.google.com to learn more about Google Photos™.

Play Books

Find millions of free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.

Play Games

Discover hundreds of games for download and purchase through the Google Play store.

Visit play.google.com to learn more.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/store/movies to learn more.

Play Music

Play music and audio files on your device.

Visit play.google.com/music to learn more.

Play Newsstand

Subscribe to your favorite magazines to read on your device at your leisure.

Visit play.google.com/store/newsstand to learn more.

Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play store.

Visit play.google.com/store to learn more.

Voice Search

Use voice commands to search the web with Google.

YouTube

View and upload YouTube™ videos from your device.

Visit youtube.com to learn more.

Additional Apps

There are additional apps, including several Samsung apps, preloaded on your device.

Amazon

Shop at amazon.com™ from your device.

Visit amazon.com to learn more.

Dropbox

Save and share files with others using the Dropbox™ cloud storage. When you save files to Dropbox, your device automatically syncs with the web server and any other computers that have Dropbox installed.

Evernote

Create, synchronize, and share multimedia notes. You can add tags to the notes, or sort the notes into a notebook so that you can manage your ideas efficiently.

Visit evernote.com to learn more.

Flipboard

Access your personalized magazines.

Visit flipboard.com to learn more.

Hancom Office Viewer

Open and manage Hancom™ Office Hanword (*.hwp) and Hanshow (*.show) documents.

Help

View information on using your device's basic features and settings.

Mobile Hotspot

Configure your device as a mobile hotspot.

NY Times

Read the latest web edition of the The New York Times newspaper.

Visit nytimes.com/services/mobile to learn more.

SideSync

Share screens, windows, and data between a PC and Samsung Android device.

Smart Manager

Access your Battery, RAM, Storage, and Device security information.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

You can use your calculator to perform basic operations. The Calculator app also provides advanced arithmetic functions.

1. From a Home screen, tap **Apps** > **Calculator**.
2. Enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key.
4. Enter the next number.
5. Tap **Equals** to view the result.
6. Tap **Clear** to clear the results.

Additional Functions

You can perform additional functions on your calculator.

To clear the calculator history:

► Tap **Clear history**.

To copy all or part of the calculation to the clipboard:

► Touch and hold an entry in the display field, and then tap **Copy**.

Calendar

Manage your events and tasks.

Calendar View

To choose a calendar view:

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap one of the following to change the view:
   - **Year**: Display all twelve months of this year. Swipe across the screen to display another year.
   - **Month**: Display the current month. Swipe across the screen to display another month.
   - **Week**: Display the current week. Swipe across the screen to display another week.
   - **Day**: Display today's schedule by hour. Swipe across the screen to display another day.
   - **Agenda**: Display all tasks.
3. Tap **Today** to return to the current date.

Create an Event or Task

You can use your Calendar to create events or tasks.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **Create new** and use one of the following methods:
   - **Event**: Enter an event with an optional repeat setting.
   - **Task**: Enter a task with an optional priority setting.
3. Enter details for the event or task, and then tap **Done**.

Share Events

You can share events or tasks you create from your Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap to view an event or task.
3. Tap **More options** > **Share via**, select a sharing method, and then follow the prompts.

Delete an Event or Task

You can delete events or tasks you create from your Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap an event or task to view it.
3. Tap **More options** > **Delete**. Confirm when prompted.

To delete multiple events or tasks:

1. Tap **More options** > **Delete**.
2. Select events or tasks.
3. Tap **Done**. Confirm when prompted.

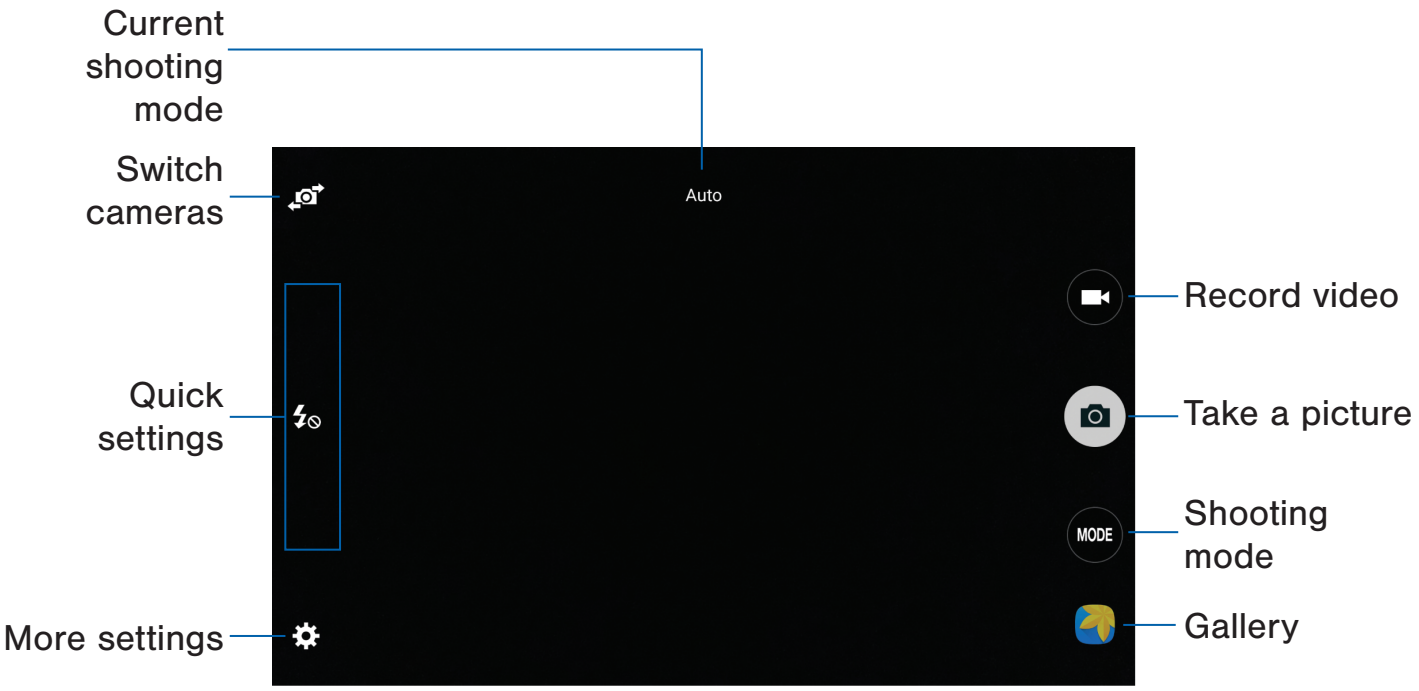
Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **More options** > **Settings**.
3. Tap an option to configure it.

Camera and Video

Take pictures and record videos with the Camera app.



- **Record video**: Record a video.
- **Take a picture**: Take a picture.
- **Shooting mode**: Change the shooting mode.
- **Gallery**: Open the Gallery to view photos and videos.
- **More settings**: Configure other camera settings.
- **Quick settings**: Select camera settings or options.
- **Switch cameras**: Switch between the rear and front cameras.
- **Current shooting mode**: Displays the current shooting mode setting.

Take Pictures

Take pictures with your device's front or rear camera, or combine shots with Dual camera mode.

Note: Prior to using the camera, remove the plastic protective covering from the camera lens.

1. From a Home screen, tap **Apps** > **Camera**.
2. Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use the available options or these gestures:
   - Touch the screen with two fingers and pinch or spread them on the screen to zoom in or out.
   - Tap the screen to focus on the area you tapped.
3. Before taking the photo, you can tap the icons to access various camera options and settings.
4. Tap **Take a picture** to take the picture.

Note: You can also press the **Volume** key up or down to take a picture. This is the default action of the Volume key while the camera is active. You can also set the Volume key to act as the video record key or as a zoom key.

Quick Settings

Reorganize shortcuts for easy access to the camera's various options.

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **Settings** to quickly change Camera settings. The available options vary by mode.
3. Touch and hold a settings icon and drag it to the left side of the screen.
4. Touch and drag a Quick setting icon to change the position of the icon or to change which Quick settings to use.

Shooting Mode

Several photo effects are available. Some modes are not available when taking self-portraits.

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **Mode** to display the Shooting Modes.
3. Tap each mode to see a description of that mode.

Dual Camera Mode

Take pictures and record videos using the front and rear cameras at the same time. A variety of picture-in-picture styles are available.

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **Mode** > **Dual camera**.
3. Touch and drag the inset picture to another position on the screen.
4. Tap the inset picture, and then touch and drag the corners to enlarge or reduce the size of the inset.
5. Tap **Effects**, and then tap a style for the inset picture.

Camera and Video Settings

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **Settings** to configure settings for Camera. Available options vary depending on the camera or recording mode used.
   - **Picture size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
   - **Burst shots**: Take a series of pictures of moving subjects.
   - **Low-light detection**: Automatically detects low light levels and adjusts the camera accordingly to take clear pictures.
   - **Face detection**: Detect faces in pictures for tagging with the person's name.
   - **ISO**: Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
   - **Metering modes**: Select a metering method. This determines how light values are calculated. Center-weighted measures background light in the center of the scene. Spot measures the light value at a specific location. Matrix averages the entire scene.
   - **Tap to take pics**: Tap anywhere on the screen to take a picture.
   - **Save as**: Save picture in HDR (rich tone) only. HDR enables the light sensitivity and color depth features of the device to produce a brighter and richer picture.
   - **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
   - **Recording mode**: Select Normal, Limit for email, or Fast motion mode.
   - **Video stabilization**: Activate or deactivate anti-shake. Anti-shake helps focus when the camera is moving.
   - **Effects**: Access to pre-installed and downloaded effects.
   - **Flash**: Activate or deactivate the flash.
   - **Timer**: Take time-delayed pictures or videos.
   - **View mode**: View pictures and videos in standard ratio or full screen.
   - **Location tags**: Attach a GPS location tag to the picture.
   - **Storage location**: Select the memory location for storage.
   - **Review pics/videos**: Set to show pictures or videos after taking them.
   - **Remote viewfinder**: Take pictures using the viewfinder of a connected device. Wi-Fi Direct is required.
   - **White balance**: Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.
   - **Exposure value**: Change the exposure value. This determines how much light the camera's sensor receives. For low light situations, use a higher exposure.
   - **Grid lines**: Display viewfinder grid lines to help composition when selecting subjects.
   - **The Volume key**: Use the Volume key as the camera key, the record key, or as a zoom key.
   - **Voice control**: Set the camera to take pictures with voice commands.
   - **Help**: View information on using the camera.
   - **Reset settings**: Reset the camera settings.

Clock

The Clock app offers features for keeping track of time and setting alarms.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap a tab to use a feature:
   - **Alarm**: Set an alarm to ring at a specific time.
   - **World clock**: View the time of day or night in other parts of the world. World clock displays time in hundreds of different cities, within all 24 time zones around the world.
   - **Stopwatch**: Measure intervals of time.
   - **Timer**: Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Alarm

Set an alarm to ring at a specific time.

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Alarm**.
3. Tap **Create** to configure a new alarm:
   - **Time**: Set a time for the alarm.
   - **Days**: Choose the days to repeat the alarm.
   - **Repeat weekly**: Choose to repeat the alarm every week.
   - **Type**: Choose whether the alarm uses sound, vibration, or vibration and sound to alert you.
   - **Alarm tone**: Choose a sound to play for the alarm.
   - **Volume**: Drag the slider to set the volume of the alarm.
   - **Snooze**: Enable snoozing. Set interval and repeat values for the alarm while snoozing.
   - **Smart alarm**: Set this option and the alarm starts playing a tone at a low volume at an interval before the alarm time, and slowly increases in volume. Choose a time interval and a tone to use with smart alarm. This option is available when you have chosen an alarm type that includes sound.
   - **Name**: Enter a name for the alarm.
4. Tap **Save** to save the alarm.

Delete an Alarm

You can delete an alarm that you created.

1. From a Home screen, tap **Apps** > **Clock**.
2. Touch and hold an alarm, and then tap **Delete**.

World Clock

The World clock lets you keep track of the current time in multiple cities around the globe.

To list a city on the main World clock screen:

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **World clock**.
   - A map of the world displays with the locations you have added.
3. Tap **Add**.
4. Swipe through the list or tap **Search** to find a specific city.
5. Tap the city to add it to the World clock list.
6. Repeat to add more cities.

To remove a city from the World clock screen:

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **World clock**.
3. Touch and hold a city entry, and then tap **Delete**.

Stopwatch

The Stopwatch lets you time events down to a hundredth of a second.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Stopwatch** and use the following options:
   - **Start**: Begin timing.
   - **Stop**: Stop timing.
   - **Lap**: Keep track of lap times.
   - **Resume**: Continue timing after stopping the clock.
   - **Reset**: Reset the Stopwatch to zero.

Timer

The Timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap **Timer**.
3. Tap **Hours**, **Minutes**, and **Seconds** to set the length of the Timer.
4. The following options are available:
   - **Start**: Begin the Timer.
   - **Pause**: Pause the Timer.
   - **Resume**: Resume the Timer.
   - **Cancel**: Stop the Timer.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts.

For more information on connecting with and managing your accounts through your device, see Accounts.

Manage Contacts

Access your list of contacts by using the Contacts app, which is a shortcut to the Contacts tab.
To access your Contacts list:

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the **Contacts** tab, if necessary.

Find a Contact

You can search for a contact or swipe the list to find one by name.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the **Search** field, and then enter characters to find contacts that match.

   – or –

   Tap a letter on the side of the list to jump directly to that letter in the alphabetical list. You can also slide your finger across the alphabetical list to select a letter with better precision.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Create**, and then tap contact fields to enter information.
   - Choose a storage account for the contact. You can store the contact on the device, your SIM card, or sync it with an account.
   - Tap **Contact photo** to assign a picture to the new contact.
   - Enter a name, phone number, email address, and assign the contact to a group.
     - Tap **Add** to enter additional entries.
     - Tap **Remove** to remove an entry.
     - Tap **Expand** for additional fields.
     - Tap **Label** to choose a label for the field (for example, **Home** or **Work**).
   - Tap **Add another field** to add more contact information.
3. Tap **Save**.

Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add more fields to the contact's list of information.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **Edit**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **Save**.

Share a Name Card

When you share a name card, the contact's information is sent as a vCard file (.vcf). You can share a vCard using Bluetooth or Wi-Fi Direct, attach it to an email, or save it to a storage location.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **More options** > **Share name card via**.
3. Choose a sharing method and follow the prompts.

Save a Business Card as a Contact

You can save a business card as a contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Business cards** > **Business card recognition**.
3. When the camera opens, center the business card in the guidelines on the screen. If the Camera can recognize the business card, it takes the picture automatically, or you can take the picture manually.
4. Your device analyzes the picture of the business card to create a new contact. You can also add more information to the contact.
5. Tap **Save**. The business card is displayed as the picture for the contact.

Note: You can view all your business cards by tapping **More options** > **Business cards**.

Link Contacts

When you have contacts from various accounts, you may have multiple similar entries for a single contact. Contacts lets you link multiple entries into a single contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it.
3. Tap **More options** > **Link contact**.
4. Tap contacts to link to the original contact.
5. Tap **Done**.

Unlink Contacts

You can unlink a contact that you previously linked.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it.
3. Tap **More options** > **Unlink contacts**.
4. Tap **Separate** beside contacts to unlink them from the main contact.

Delete Contacts

You can delete a single contact or choose multiple contacts to delete.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Touch and hold a contact to select it. You can also tap other contacts, or tap the **All** checkbox at the top of the screen to select all contacts.
3. Tap **Delete**, and confirm if necessary.

Favorites

When you mark contacts as favorites, they are easily accessible from other apps. Favorites also display together on the Favorites tab in the Contacts app.

Mark Contacts as Favorites

You can mark contacts as Favorites.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Add to Favorites** (the star brightens).

Remove Contacts from Favorites

You can remove contacts from Favorites.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Remove from Favorites** (the star dims).

Create a Shortcut to a Favorite

You can create a shortcut to a favorite on the home screen, to access their information directly from the Home screen.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the Favorites tab, and then touch and hold a contact to select it.
3. Tap **More options** > **Add shortcut to Home screen**. The new shortcut displays in an empty area of the Home screen.

Groups

You can use groups to organize your contacts. Your device comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send messages to the members of a group.

Create a Group

You can create your own contact groups.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap **Create**.
3. Tap fields to enter information about the group.
   - Tap **Create group in All Accounts** in to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts.
   - Tap **Group name** to enter a name for the new group.
4. Tap **Add member** and select contacts to add to the new group, and then tap **Done**.
5. Tap **Save**.

Rename a Group

You can rename a contact group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap a group.
3. Tap **More options** > **Edit group** and enter a new name.
4. Tap **Save**.

Add Contacts to a Group

You can add contacts to a group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap a group.
3. Tap **More options** > **Add member**, and then tap the contacts you want to add.
4. Tap **Done** when finished adding members.

Send an Email to a Group

You can send an email to members of a group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap a group.
3. Tap **More options** > **Send email**.
4. Tap contacts to select them, or tap the **All** checkbox to select all contacts, and then tap **Done**. Only group members that have email addresses in their records are shown.
5. Choose an account and follow the prompts.

Delete a Group

Preset groups, such as Family, cannot be deleted.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Groups**, and then tap a group.
3. Tap **More options** > **Delete groups**.
4. Select groups to delete and tap **Done**.
5. Tap **Group only** to only delete the group, or tap **Group and group members** to delete the group and the contacts in the group.

Contacts Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **More options** > **Settings**.
3. Tap an option to configure it.

Email

Use the Email app to view and manage all your email accounts in one app.

To access Email:

► From a Home screen, tap **Apps** > **Email**.

Configure Email Accounts

You can configure Email for most accounts in just a few steps.

1. From a Home screen, tap **Apps** > **Email**.
2. Follow the prompts to set up your email account.

To add an Email account:

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **More options** > **Settings** > **Add account**.
3. Enter your email address and password.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email is displayed in the Inbox for the account.

Note: To configure email account settings at any time, tap **More options** > **Settings**. Tap the email account to display its settings.

View Multiple Email Accounts

You can view email you receive for multiple accounts on the Combined view or you can view email accounts individually.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **Menu** at the top left of the screen to view the current account mailbox.
3. Tap the account name to view:
   - **Combined view**: View all email in a combined inbox.
   - **[Account name]**: View email for only one email account.

Manage Your Inbox

There are several tools available from the Inbox screen.

► From a Home screen, tap **Apps** > **Email**.

- Tap a message to read and reply or forward it.
- Tap **Show 3 panes** or **Show 2 panes** to change how email is displayed.
- Tap **Compose** to create a new email.
- Tap **Refresh** to update your email accounts.
- Tap **Search** to search for key words in your email inbox.
- Tap **More options** for additional message options.

Create and Send an Email

This section describes how to create and send an email using the Email app.

1. From a Home screen, tap **Apps** > **Email** > **Compose**.
2. Tap the **To** field to manually add an email address or tap **Add recipient** to select a recipient from Contacts or Groups.
   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
   - If adding a recipient from your Contacts, tap the contact to place a checkmark, and then tap **Done**. The contact is displayed in the recipients field.
   - Tap **More** to add Cc and Bcc fields.
3. Tap the **Subject** and **Message** fields to enter text.
   - Tap **Attach** to add Files, Images, Audio, and more to your email.
   - Tap **More options** for additional email options.
4. Review your message and tap **Send**.

Remove Email Accounts

To remove an email account:

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **More options** > **Settings**.
3. Tap the account you want to remove.
4. Tap **Remove account**. Confirm when prompted.

Email Settings

These settings allow you to modify settings associated with using the Email app.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **More options** > **Settings**.
3. Under **General settings**, tap an option, and then follow the prompts.
4. Tap an account to configure specific settings for only that account.

Galaxy Apps

Samsung Galaxy Apps provides a quick and easy way to find and download free premium apps that are compatible with your Galaxy device.

To access the Samsung Galaxy Apps website:

► From a Home screen, tap **Apps** > **Galaxy Apps**.

Galaxy Essentials

Galaxy Essentials is a collection of specially chosen apps available through Samsung Apps.

From Galaxy Essentials, you can access and download a collection of premium content, free of charge.

To access Galaxy Essentials:

1. From a Home screen, tap **Apps** > **Galaxy Apps**.
2. Swipe across the screens and locate **Galaxy Essentials**.
3. Follow the prompts to download Galaxy Essentials apps.

Note: A Samsung account is required to purchase and download apps. For more information, see Samsung Account.

Gallery

View, edit, and manage pictures and videos.

Note: Some functions described in this section are only available if there are images or videos in the Gallery.

View Images and Videos

Launching Gallery displays available folders. When another app, such as Email, saves an image, a Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap **Menu** in the upper left corner, and then tap an option to choose the way items are displayed.
   - In Albums view, you can create albums to organize your images. On the **Menu**, tap **Album**, and then tap **More options** > **Create album**.
3. Depending on the view mode selected, either tap an image or video to view it, or first tap an album or folder and then tap an image or video.
   - When viewing an image or video, you can swipe left or right to view the next or previous image or video.

Zoom In or Out

Use one of the following methods to zoom in or out on an image:

- Double-tap anywhere on the screen to zoom in or zoom out.
- Spread two fingers apart on any place to zoom in. Pinch the screen to zoom out.

Play Videos

You can play videos stored on your device.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder or category to open it.
3. Tap a video to view it.
4. Tap **Play** to play the video.

Trim Segments of a Video

You can trim segments of a video.

1. Select a video, and then tap **Trim**.
2. Use the sliders at the bottom of the screen to trim the video. Move the left bracket to the desired starting point, and then move the right bracket to the desired ending point.
3. Tap **Done** to save the video. Modify the Filename, and then tap **OK** to confirm the changes.

Edit Images

You can edit images stored on your device.

► While viewing an image, tap **More options**:

- **Edit**: Use basic tools to edit your picture.
- **More info**: View image details.
- **Studio**: Edit your picture with advanced tools.
- **Rotate left**: Rotate the photo counter-clockwise.
- **Rotate right**: Rotate the photo clockwise.
- **Crop**: Resize the frame to crop the image.
- **Rename**: Rename the file.
- **Slideshow**: Start a slideshow with the images and videos in the current folder.
- **Set as**: Set the image as wallpaper or as a contact's photo.
- **Print**: Print the image using a USB or Wi-Fi connection. Some printers may not be compatible with the device.
- **Settings**: Change the Gallery settings.

Share Images and Videos

You can share images and videos from your Gallery.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder to open it.
3. In a folder, tap **More options** > **Select**, select images and videos, and then tap **Share via** to send them to others or share them with social network services.

   – or –

   While viewing a single image or video, tap **Share via** to send it to others or share it with social network services.

Delete Images and Videos

You can delete images and videos stored on your device.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap a folder to open it.
3. Tap **More options** > **Delete**, select images and videos, and then tap **Done**.

   – or –

   When viewing a single image or video, tap **Delete**.

Gallery Settings

These settings allow you to modify settings associated with using your Gallery.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap **More options** > **Settings**.
3. Tap an option and follow the prompts.
4. Tap **More options** > **Add account** to add a Samsung, Dropbox, or Google Account.

Internet

Access the Internet with a fully-featured web browser.

Access the Internet

► From a Home screen, tap **Apps** > **Internet**.

Commands

The following commands are available:

- **Back** or **Back**: Return to the previous page.
- **Forward**: Go forward to a recent page.
- **Home**: Display your Internet Home screen.
- **Bookmarks**: Manage bookmarked pages, saved pages, and history.
- **More**: Share, save, or bookmark a web page, open a new secret tab, display Internet app settings, and more.
- **Refresh**: Refresh or reload the current web page.

View a Web Site

To view a web site:

► Tap the address field, enter the web address, and then tap **Go** on the keyboard.

To zoom in or out:

► Tap the screen twice or pinch the screen to zoom out. Stretch the screen to zoom in.

Browser Tabs

Use tabs to view multiple web pages at the same time.

To open a new tab:

► Tap + **Add tab**.

To close a tab:

► Tap × **Close tab**.

Bookmarks

The Bookmarks page stores Bookmarks, Saved pages, and History.

Save and Open Bookmarks

Bookmarking a web page saves the web address so that you can access it quickly.

To bookmark the current web page:

1. Tap **Bookmarks** > **Add**.
2. Type a title for the bookmark and tap **Save**.

To open a bookmarked web page:

1. Tap **Bookmarks** > **Bookmarks**.
2. Tap a bookmark entry.

Saved Pages

Saving a web page stores the web page content on your device so that you can access it offline.

To save the current web page:

► Tap **More** > **Save web page**.

To view saved web pages:

1. Tap **Bookmarks** > **Saved pages**.
2. Tap a saved page to open it in the browser.

View History

To view a list of recently visited web pages:

► Tap **Bookmarks** > **History**.

Share Pages

To share a web page address with others:

► Tap **More** > **Share**, and follow the prompts.

Secret Mode

Pages viewed in Secret mode are not listed in your browser history or search history, and leave no traces (such as cookies) on your device. Secret tabs are a darker shade than the normal tab windows.

Note: Any downloaded files remain on your device after you close the Secret tab.

To enable Secret mode:

1. From a Home screen, tap **Apps** > **Internet**.
2. Tap **More** > **Turn on Secret mode**.
3. Tap **Create password** to protect your Secret mode data with a password.

   – or –

   Tap **Do not use password**.

To turn off Secret mode:

1. From a Home screen, tap **Apps** > **Internet**.
2. Tap **More** > **Turn off Secret mode**.

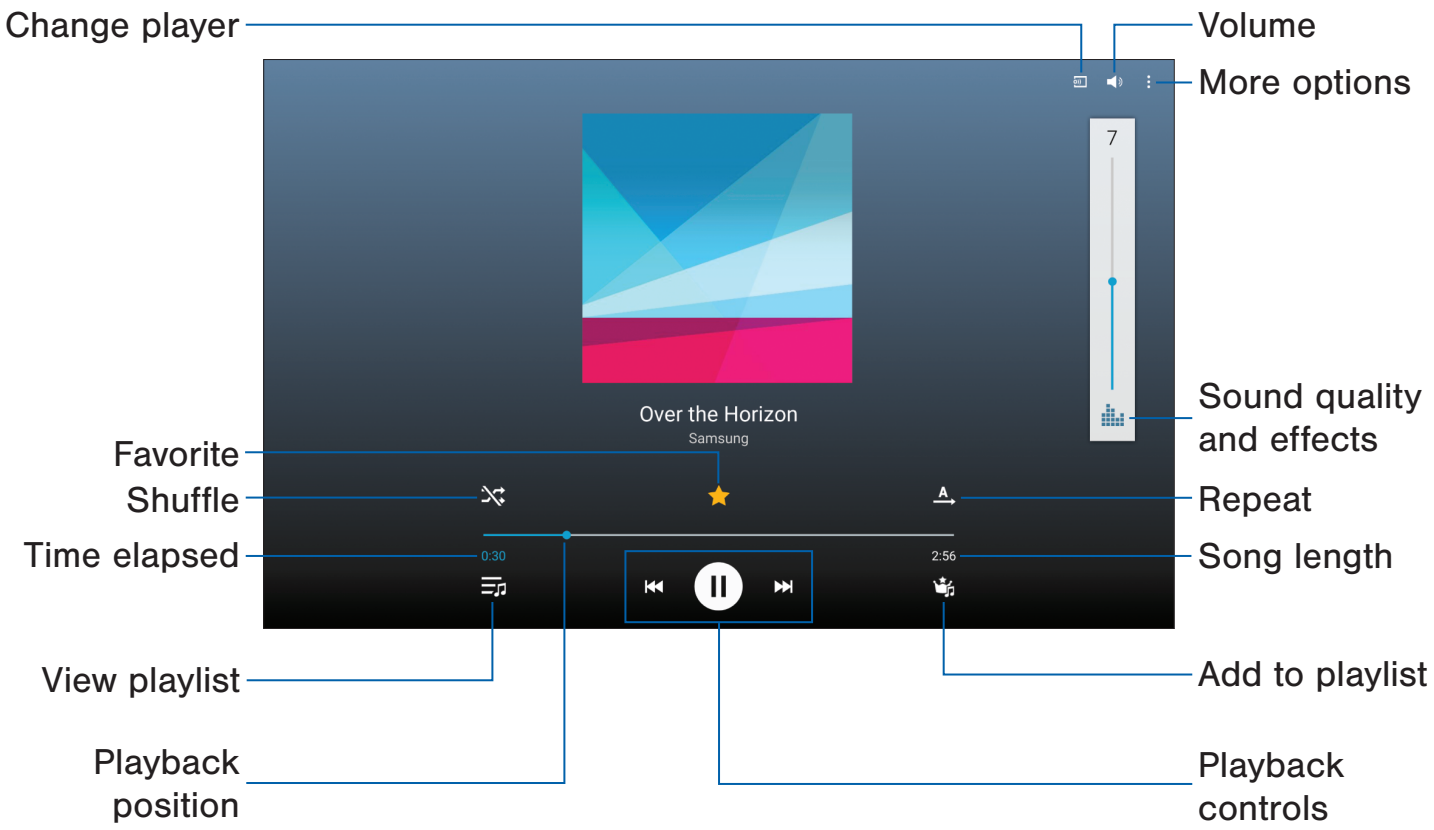
Internet Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, tap **Apps** > **Internet**.
2. Tap **More** > **Settings**.
3. Tap an option and follow the prompts.

Music Player

Listen to your favorite songs with the Music player. Navigate through your music library, play songs, and create customized playlists.



- **Volume**: Adjust the volume.
- **More options**: View more options.
- **Sound quality and effects**: Customize options to adjust sound effects.
- **Repeat**: Control playback.
- **Song length**: View the total length of the current song.
- **Add to playlist**: Add the song to a playlist.
- **Playback controls**: Fast-forward or rewind, or play or pause the current song.
- **Playback position**: Skip to another part of the current song.
- **View playlist**: View the current playlist.
- **Time elapsed**: View the time elapsed for the current song.
- **Shuffle**: Shuffle songs in the current playlist.
- **Favorite**: Tag this song as a favorite.
- **Change player**: Play the song on a connected device.

Listen to Music

1. From a Home screen, tap **Apps** > **Music**.
2. Tap a library category at the top of the screen to view your music files.
3. Swipe through the list of songs and tap an entry to begin playback.
4. Tap the record cover to the left of the progress bar to display the Music player screen. The following controls are available:
   - Tap **Pause** to pause playback. To start playback again, tap **Play**.
   - Tap **Rewind** to move to the previous song or touch and hold **Rewind** to rewind through the song. Tap **Fast-forward** to move to the next song or touch and hold **Fast-forward** to move forward through the song.
   - Tap the repeat button to control playback. Choose **Repeat off** to play all songs once, **Repeat all** to repeat all songs, or **Repeat 1** to repeat the current song.
   - Tap the shuffle button to control the order songs are played. Choose **Shuffle off** to play songs in the order they appear in the list or **Shuffle on** to play songs in random order.
   - Tap **Favorite** to mark a song as a favorite. Whenever a song is a favorite, the star is gold. Favorite songs are included in the Favorites playlist.
   - Tap **Volume** to set the volume. You can also set volume by pressing the **Volume** key on the top of the tablet.

Note: When you close the Music screen, playback continues in the background, allowing you to listen to music while using other features of your device. When music is playing in the background, you can access playback controls from the Notification panel.

My Files

Access files stored on your device, including images, videos, music, and sound clips.

To view files in My Files:

1. From a Home screen, tap **Apps** > **My Files**.
2. Tap a category to view the relevant files or folders.
3. Tap a file or folder to open it.

File Groups

Files stored in the device are sorted into groups:

- **Timeline**: View files that are grouped by date.
- **Favorite folders**: View shortcuts to folders or FTP servers.
- **Folders**: View files stored in the internal memory or a memory card.
- **Categories**: View files sorted by their types.
- **Apps**: View files stored or created in specific applications.

Shortcuts

When you add shortcut folders, **Shortcut** displays on the Home screen.

To delete a shortcut:

1. Touch and hold **Shortcut**.
2. Drag the shortcut to **Delete** and release it.

Group Options

After selecting a group:

► Tap **More options** for the following options:

- **Select**: Select files or folders.
- **Delete**: Delete files or folders.
- **Sort by**: Sort files or folders.
- **Add to favorite folders**: Add a shortcut to a folder in the Favorite folders group.
- **Add shortcut to home**: Add a shortcut to a folder on the Home screen.
- **Add FTP**: Add an FTP server shortcut in Favorite folders.
- **Scan for nearby devices**: Search for devices that have media sharing activated.
- **Display options**: Change the file manager settings.

Note: Options vary by category and folder.

File Options

► Tap **More options** > **Select**, select a file or folder, and then use one of these functions:

Share via: Send files to others or share them.

Delete: Delete files or folders.

Move: Move files or folders to another folder.

Copy: Copy files or folders to another folder.

Tap **More options** for additional options:

- **Go to folder**: Go to the folder in which the file resides.
- **Rename**: Rename a file or folder.
- **Add to favorite folders**: Add a shortcut to frequently-used folders in **Favorite folders**.
- **Add shortcut to home**: Add a shortcut to a file or folder to the Home screen.
- **Zip**: Create a Zip file of the selected items.
- **Details**: View file or folder details.

Additional Functions

The following functions are available:

Create folder: Create a new folder. (Only available in a folder group.)

View: Change the view mode.

Storage usage: View memory information for your device and memory card (not included).

Search: Search for a file or folder.

Note: Options vary by category and folder.

S Voice

Speak commands to perform operations on your device, and to speak criteria for searches and other operations.

Access S Voice

You can access S Voice™ from the Apps list.

1. From a Home screen, tap **Apps** > **S Voice**.
2. Speak a command.
3. Tap **Microphone** if the device does not hear you, or to give it another command.

Note: Tap **More options** for help.

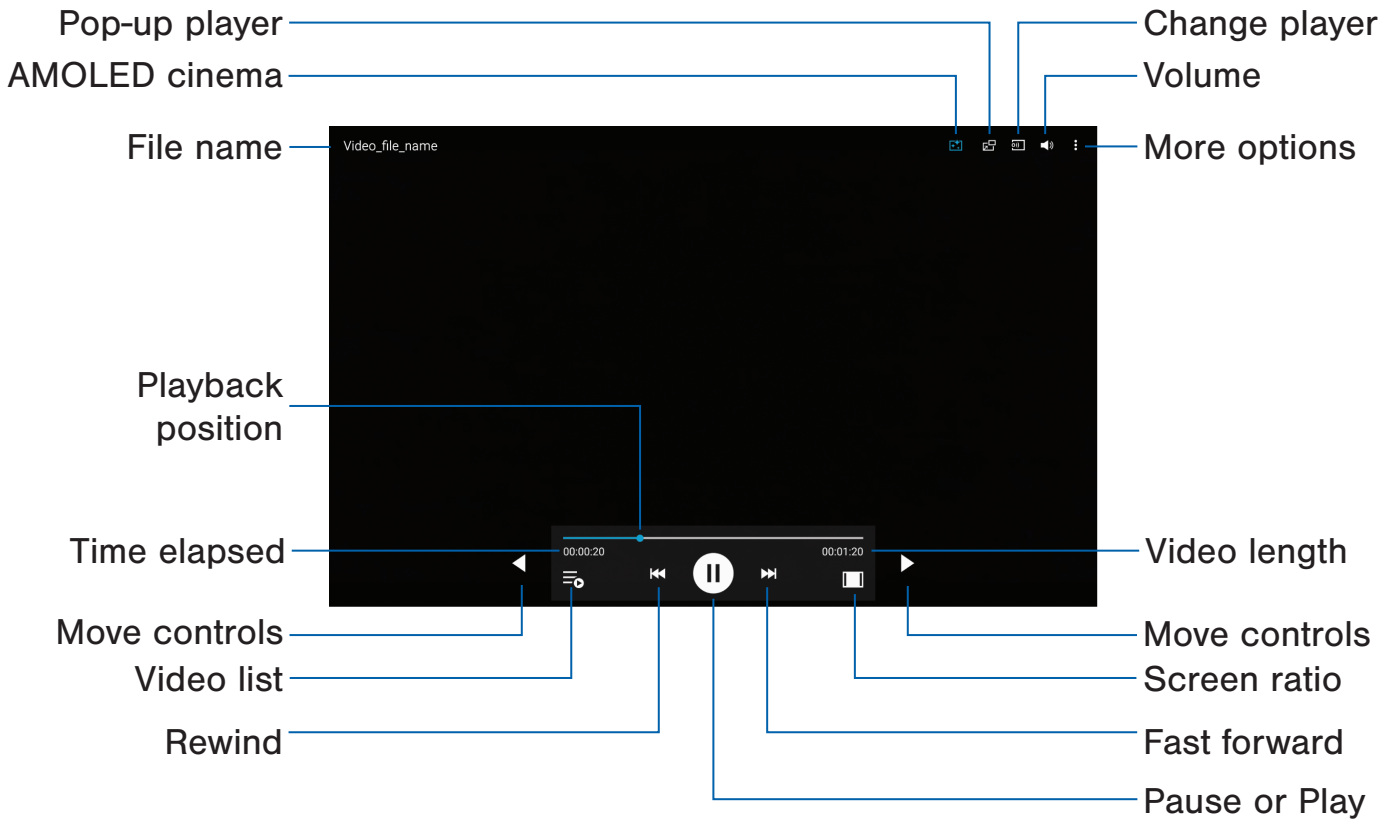
S Voice Settings

These settings allow you to modify settings associated with using the S Voice app.

1. From a Home screen, tap **Apps** > **S Voice**.
2. Tap **More options** > **Settings**.
3. Tap an option and follow the prompts.

Video Player

Play and manage videos stored on your device.



- **Change player**: Play the video on a connected device.
- **Volume**: Adjust the volume.
- **More options**: View more options.
- **Video length**: View the total length of the video.
- **Move controls**: Tap to move the Video player controls to the right or to the left (landscape orientation only).
- **Screen ratio**: Change the screen ratio.
- **Fast-forward**: Skip to the next video or fast-forward through the current video.
- **Pause or Play**: Pause or play the current video.
- **Rewind**: Restart the video, skip to a previous video, or rewind the video.
- **Video list**: See the current video playlist.
- **Time elapsed**: View the time elapsed for the current video.
- **Playback position**: Skip to another part of the video.
- **File name**: View the name of the video file.
- **AMOLED cinema**: Activate AMOLED cinema screen mode.
- **Pop-up player**: Open the video in a pop-up window.

Access the Video Player

1. From a Home screen, tap **Apps** > **Video**.
2. Swipe through the videos stored on your device. After a few seconds, each video thumbnail begins playing a preview of the clip.
3. Tap a video to view it.

Manage Videos

Once you have recorded and saved at least one video, you can manage them in the Video app.

1. From a Home screen, tap **Apps** > **Video**.
2. Tap **More options** > **Select**, and then tap videos to chose them for the following options:
   - Tap **Share via** to share the videos.
   - Tap **Delete** to delete the videos.
   - Tap **More options** to edit, rename, or view more details.

Use Pop-Up Play

Multitask with Pop-up player by transforming your video player into a pop-up window. The video continues to play, and the pop-up window can be resized or moved anywhere on the screen.

1. From a Home screen, tap **Apps** > **Video**.
2. Tap a video to view it.
3. Tap **Pop-up** to continue playing the video in a floating window.
   - Drag the window to any location on the screen.
   - Use two fingers to pinch or spread to resize the floating window.

Change the Video Screen Size

You can change the size of the video is several ways during video playback.

1. From a Home screen, tap **Apps** > **Video**.
2. Tap a video to view it.
3. Tap the screen ratio icon to cycle through the screen size options:
   - **Full-screen in ratio view**: The video is enlarged as much as possible without becoming distorted.
   - **Full-screen view**: The entire screen is used, which may cause some minor distortion.
   - **Original size view**: The video is played in its original size.
   - **Stretch to fit**: The video is enlarged to fit the screen without becoming distorted.

Settings

Configure your device's connections and settings, add accounts, and customize Home screens, apps, and features.

How to Use Settings

Access Settings

There are a couple of ways to access your device settings.

► From a Home screen, tap **Apps** > **Settings**.

– or –

Drag down from the Status bar to display the Notification panel, and then tap **Settings**.

Categories of Settings

Settings are grouped into four categories.

- **Connections**: Control your device's wireless connections and location services.
- **Device**: Personalize your device, including sounds, the display, and accessibility.
- **General**: Create and modify your accounts (such as email, Google Account, and Samsung account). Access settings to configure Language and input and manage security, storage, and other features of the device.
- **Applications**: Access the Application manager, default applications, and settings for various apps.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Search feature.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Search**.
   - Enter a word or words in the **Search** field. As you type, settings that match are displayed on the screen.
   - Tap an entry to go to that setting.

Wi-Fi

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a wireless Access Point (AP).

Turn Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible in-range wireless APs.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on or off.

Wi-Fi Status Indicators

Status bar icons indicate your current Wi-Fi connection status:

- When Wi-Fi is connected, active, and communicating with a wireless Access Point, **Wi-Fi active** is displayed in the Status bar.
- If a Wi-Fi access point is available, but your device is not connected to it, **Wi-Fi available** is displayed. It may also be displayed if there is a communication issue with the target wireless Access Point.

Wi-Fi Networks

To scan for a Wi-Fi network and connect to it:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on.
   - When Wi-Fi is turned on, your device automatically scans for available networks and displays them.
3. Tap the network you want to connect to.
   - When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.
4. To manually scan for networks, tap **More options** > **Scan**.

Manually Connect to a Wi-Fi Network

You can connect your device to a Wi-Fi network manually.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on.
3. Swipe to the bottom of the screen and tap **Add Wi-Fi network**.
4. Enter information about the Wi-Fi network:
   - **Network SSID**: Enter the name of the Wi-Fi network.
   - **Security**: Select a security option and enter your password.
   - **Show advanced options**: Add advanced options such as IP settings and Proxy settings.
5. Tap **Connect** to store the new information and connect to your target wireless Access Point.

Wi-Fi Options

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on.
3. Tap **Smart network switch** to automatically switch between Wi-Fi and mobile networks to maintain a stable Internet connection.
4. Tap **More options** for options:
   - **Scan**: Start another scan for nearby Wi-Fi networks.
   - **Wi-Fi Direct**: Configure a Wi-Fi Direct connection with a nearby device.
   - **Advanced**:
     - **Network notification**: Receive a notification when new wireless Access Points are available.
     - **Sort by**: Choose how detected Wi-Fi networks are listed.
     - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
     - **Smart network switch**: Automatically switch between Wi-Fi and mobile networks to maintain a stable Internet connection.
     - **Install network certificates**: Install authentication certificates.
     - **MAC address**: View your device's MAC address, which is required when connecting to some secured networks (not configurable).
     - **IP address**: View your device's IP address (not configurable).
   - **WPS push button**: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
   - **WPS PIN entry**: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
   - **Share Wi-Fi profile**: Share Wi-Fi profiles you have created with others.
   - **Help**: Learn about setting up and using Wi-Fi networks, and other settings.

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections using Wi-Fi, without having to connect to a Wi-Fi network.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Wi-Fi**, and then tap **On/Off** to turn Wi-Fi on.
   - Wi-Fi must be on to configure settings.
3. Tap **More options** > **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.

   – or –

   Tap **Scan** to start scanning.
4. Select a device, and then follow the prompts to complete the connection.

Wi-Fi Direct Status Indicator

Status bar icons indicate your current Wi-Fi Direct connection status:

- When your device is connected to another device using Wi-Fi Direct, **Wi-Fi Direct** is displayed in the Status bar.

Bluetooth

Bluetooth is a short-range communications technology that connects your device wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

Note: The Bluetooth communication range is approximately 30 feet.

Turn Bluetooth On or Off

To turn your device's Bluetooth service on or off:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn Bluetooth on or off.

Bluetooth Status Indicator

Status bar icons indicate your current Bluetooth connection status:

- When Bluetooth is turned on, **Bluetooth** is displayed in the Status bar.

Scan for Bluetooth Devices

When you want to pair with another Bluetooth device, you can scan for nearby devices that are visible.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
   - When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
   - To manually perform a new scan, tap **Scan**.

Make Your Device Visible to Other Bluetooth Devices

When you make your device visible, other Bluetooth devices can find it in a scan and initiate pairing. You can choose the length of time your device remains visible.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap the **Checkbox** under My device to make your device visible to nearby devices.
4. Tap **More options** > **Visibility timeout**.
5. Select a time period for your device to remain visible after you turn on visibility.

Review Files Received through Bluetooth

When you receive files from another device through Bluetooth, you can access them from Bluetooth settings.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth** > **More options** > **Received files**.

Change Your Device's Name

Change the name others use when pairing with your device using Bluetooth.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth** > **More options** > **Rename device**.
3. Tap the device name field to rename your device.
4. Tap **OK** to save changes.

Pair Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
   - Make sure that the target device is discoverable so your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
3. Tap **Scan**. Your device starts scanning for Bluetooth devices within range.
4. Tap the name of the target device when you see it displayed in the Bluetooth devices section.
   - Your device automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Rename a Paired Device

Once you have paired your device to another device, you can rename the paired device to make it easier to recognize.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap **Settings** next to the previously paired device, and then tap **Rename**.
4. Enter a new name, and tap **OK**.

Delete a Paired Device (Unpair)

When you unpair from a Bluetooth device, the two devices no longer recognize each other. To connect again, you have to pair the devices.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap **Settings** next to the paired device, and then tap **Unpair** to delete the paired device.
4. Tap the device name field and edit your device name.

Tethering and Wi-Fi Hotspot

Use Mobile hotspot and tethering to share your device's Internet connection with other devices.

Enable Mobile Hotspot

Activate Mobile hotspot to allow other devices to use your device's Internet connection.

Note: You must have a tethering plan on your service account in order to use the Mobile hotspot.

Warning: Mobile hotspot consumes battery power and uses data service.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Tethering and Wi-Fi hotspot** > **Mobil hotspot**.
3. Tap **On/Off** to turn Mobile hotspot on or off.

Warning: By default, your device's Wi-Fi hotspot has no security applied, and any device can connect. For more information, see Configure Mobile Hotspot Settings.

Connect a Device to Your Mobile Hotspot

Use the other device's Wi-Fi control to connect to your device's Mobile hotspot.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Tethering and Wi-Fi hotspot** > **Mobile hotspot**.
3. Tap **On/Off** to turn on Mobile hotspot.
4. Activate Wi-Fi on the target device.
5. Scan for Wi-Fi hotspots and select the target device from the list.
6. Enter your device's Mobile hotspot password on the target device.

Change the Mobile Hotspot Password

You can change your Mobile hotspot password.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Tethering and Wi-Fi hotspot** > **Mobile hotspot**.
3. Tap **On/Off** to turn on Mobile hotspot.
4. Tap **Configure**.
5. Tap the **Security** field, select **WPA2 PSK**, and enter a new password.

Allowed Devices List

Control whether devices connect to your Mobile hotspot with the Allowed devices list. After you add devices to the list, they can scan for your device and connect using your device's Mobile hotspot name and password.

Note: Using your device as a Mobile hotspot consumes battery power and uses data service. While Mobile hotspot is active, your device's applications use the Mobile hotspot data service. Roaming while using your device as a Mobile hotspot incurs extra data charges.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Tethering and Wi-Fi hotspot** > **Mobile hotspot**.
3. Tap **On/Off** to turn on Mobile hotspot.
4. Tap **Allowed devices**, and then tap **Add** to enter the other device's Device name and MAC address.
5. Tap **OK** to add the device.

Configure Mobile Hotspot Settings

Manage your Mobile hotspot security and connecting settings.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Tethering and Wi-Fi hotspot** > **Mobile hotspot**.
3. Tap **Configure** for the following options:
   - **Network SSID**: View and change the name of your Mobile hotspot.
   - **Hide my device**: Enable to make your Mobile hotspot invisible to other Wi-Fi devices during a scan. When enabled, other devices can still connect to your Mobile hotspot, but have to set up the connection manually with your Network SSID and Password.
   - **Security**: Choose the security level for your Mobile hotspot.
   - **Password**: If you choose a security level that uses a password, enter the password. A default password is displayed on the Mobile hotspot screen.
   - **Show password**: Display your password instead of masking it.
   - **Show advanced options**: Access advanced options, including Broadcast channel, the number of devices that can connect to your Mobile hotspot, and timeout settings.

Timeout Settings

Automatically turn off Mobile hotspot if there are no connected devices.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Tethering and Wi-Fi hotspot** > **Mobile hotspot**.
3. Tap **More options** > **Timeout settings**, and choose a time period.

Tethering Your Device

You can use USB tethering to share your device's Internet connection with a computer.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Tethering and Wi-Fi hotspot**.
3. Choose a tethering method:
   - **USB tethering**: Connect the computer to the device using the USB cable, and then tap **USB tethering** to turn tethering on.
   - **Bluetooth tethering**: Share your device's Internet connection through Bluetooth. For more information, see Bluetooth.

Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as Bluetooth and Wi-Fi.

While in Airplane mode, you can use other features, such as playing music, watching videos, and other offline applications.

Enable Airplane Mode

To enable or disable Airplane mode:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Airplane mode**, and then tap **On/Off** to enable or disable the option.

Note: You can also control Airplane mode from the Device options menu. Press and hold the **Power** key, and then tap **Airplane mode**.

Download Booster

Download Booster improves download speed by using both Wi-Fi and LTE networks at the same time when downloading files over 30 MB in size.

Note: Download Booster uses mobile data services.

To turn on Download Booster:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Download booster**, and then tap **On/Off** to turn Download Booster on or off.
   - If you want to turn off download speed info, tap **Do not show speed info**.

Data Usage

Monitor how your data is being used, and set limits and restrictions to conserve it.

Note: Your service provider may account for data usage differently.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Data usage** for options:
   - **Mobile data**: Enable mobile data. You can also control Mobile Data at the Notification panel.
   - **Set mobile data limit**: Disable your mobile data connection when the specified limit is reached. Drag the red limit line to set the data usage limit.
   - **Data usage cycle**: Tap the drop-down menu, and then choose a time period for data usage. Data usage for the period is displayed on the graph, along with usage by application at the bottom of the screen.
   - **By application**: View data usage by application.
3. Tap **More options** for the following options:
   - **Restrict background data**: Restrict some apps and services from working unless you are connected to a Wi-Fi network.
   - **Show/Hide Wi-Fi usage**: Display a Wi-Fi tab that shows Wi-Fi usage.
   - **Mobile hotspots**: Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.

Location Settings

Some apps, such as Google Maps, may require one or more location services be turned on for full functionality.

Locating Method

Before using any features that require location assistance, you must enable your device's location services.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap **Mode** to select how your location is determined:
   - **High accuracy**: Uses GPS, Wi-Fi, and mobile networks.
   - **Power saving**: Uses Wi-Fi and mobile networks (no GPS).
   - **GPS only**: Uses GPS only.
5. Tap **Improve accuracy** to use other connections for determining your location:
   - **Wi-Fi scanning**: Allow apps and services to scan for Wi-Fi networks automatically, even when Wi-Fi is turned off.
   - **Bluetooth scanning**: Allow apps to scan for and connect to nearby devices automatically through Bluetooth, even when Bluetooth is turned off.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap an entry under **Recent location requests** to view the app's settings.

Location Services

Google Location History™ stores and uses your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap **Google Location History** and sign in to your Google Account for more options.

Location Sources

You can save your favorite locations for use with services that require location information. This information can improve your search results and other location-related activities.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap **My places**.
   - Tap a category (Home, Work, or Car) to add a location.
   - Tap **Add** to add more categories.
   - To delete a custom category, tap **More options** > **Select**, tap a category to delete, and then tap **Delete**. Confirm if prompted.

Note: Home, Work, and Car cannot be deleted.

More Networks

The More networks settings allow you to configure a variety of connectivity settings for your device.

Nearby Device Scanning

Scan for nearby devices to connect to and set them up easily. You receive a notification when there are available devices to connect to.

Note: This function uses Bluetooth low energy scanning even if Bluetooth is turned off on your device.

To enable nearby device scanning:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **More networks** > **Nearby device scanning**.
3. Tap **On/Off** to enable the feature.

Mobile Networks

Control your device's access to networks and mobile data service.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **More networks** > **Mobile networks** for options:
   - **Mobile data**: Allow your device to connect to a mobile data network.
   - **Data roaming**: Allow your device to connect to data services while roaming. Significantly higher charges may result.
   - **Network mode**: Choose a preferred network mode.
   - **System select**: Choose a CDMA roaming mode.
   - **Access point names**: Select the Access Point Name for mobile connection to the Internet.
   - **Network operators**: Choose available and preferred networks

Virtual Private Networks (VPNs)

Set up and manage your Virtual Private Networks (VPNs).

Note: You must set a secured screen lock before setting up a VPN. For more information, see Set a Screen Lock.

Add a VPN

Use the VPN settings menu to add a VPN connection to your device.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **More networks** > **VPN**.
3. Tap **Add**, and follow the prompts to set up your VPN.

Connect to a VPN

To connect to a VPN:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **More networks** > **VPN**.
3. Tap the VPN, enter your log in information, and tap **Connect**.

Disconnect from a VPN

To disconnect from a VPN:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **More networks** > **VPN**.
3. Tap the VPN, and tap **Disconnect**.

Edit or Delete a VPN

Once you have set up a VPN connection, you can edit or delete the connection.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **More networks** > **VPN**.
3. Tap **Settings** next to the VPN that you want to edit or delete.
4. Edit the VPN and tap **Save**.

   – or –

   Tap **Delete** to delete the VPN.

Ethernet

Manage your Ethernet connections.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **More networks** > **Ethernet**.
3. Follow the prompts to connect to an Ethernet network.

Nearby Devices

Share your media files with nearby devices using Wi-Fi, Wi-Fi Direct, or Mobile hotspot.

Warning: If file sharing is enabled, other devices can access your data. Use this option with care.

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Nearby devices**.
3. Tap **On/Off** to enable Nearby devices.
4. Set the following options:
   - **Content to share**: Select the content to share. Choices are: Videos, Photos, and Music.
   - **Allowed devices**: Indicate the devices accessible to your device.
   - **Denied devices**: Indicate devices not allowed access to your device.
   - **Download to**: Allow downloading of data to your device or optional memory card (not included).
   - **Receive files from other devices**: Set a default for receiving files.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Printing**.
3. Tap a print service and follow the prompts.

Note: Tap + **Download plug-in** to install additional print service drivers.

Screen Mirroring

Share your device's screen with another device.

To enable Screen Mirroring:

1. From a Home screen, tap **Apps** > **Settings** > **Connections**.
2. Tap **Screen Mirroring**.
   - Available devices are listed.
3. Tap **Scan** to find more devices.
4. Tap a device and follow the prompts to connect.

Sounds and Notifications

Configure the sounds and vibrations used to indicate notifications, screen touches, and other interactions.

Adjust the Volume

Set the system volume level and default volume for notifications and other audio.

Note: You can also set the system volume from a Home screen by pressing the **Volume** key.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications**.
3. Drag the sliders to set the default volume for:
   - Notifications
   - Media
   - System

Sound Mode

You can switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Sound mode**, and then choose a mode:
   - **Sound**: Use the sounds, vibrations, and volume levels you have chosen in sound settings for notifications and alerts.
   - **Vibrate**: Vibrate for notifications and alerts. This uses the vibration intensity you choose in sound settings.
   - **Mute**: Mute all sounds and notifications.

Vibration Intensity

Set the vibration intensity of notifications and Haptic feedback.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Vibration intensity**.
3. Drag the sliders to set the various vibration intensities.
4. Tap **OK** to save.

Notification Ringtone

Choose a sound for notifications, such as for new messages and event reminders.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Notification ringtone**.
3. Tap a sound to preview it, and then tap **OK** to set it as your default notification sound.

Other Sounds

Set various other sound options.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Other sounds**.
3. Tap the checkbox next to the options under **Feedback** and **Samsung keyboard** to indicate whether to enable the sound or vibration.
4. Configure notifications for Samsung applications:
   - **Email**: Configure email account notifications. An email account must be configured to use this option.
   - **Calendar**: Choose a sound for Calendar notifications.

Do Not Disturb

This setting allows you to block all notifications and alerts. The options below determine which notifications can make sounds, and during what time periods you want to enter this mode.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Turn on now** to turn the feature on.
4. Tap **Turn on as scheduled**, and then tap **Days**, Start time, and **End time** to set up a do not disturb schedule.
5. Tap **Allow exceptions** to allow alarms, messages, or events and reminders.

Notifications on Lock Screen

Choose which notifications can be displayed while the device is locked.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Notifications on lock screen** and choose an option.

Application Notifications

Set whether application notifications are displayed.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Application notifications**.
3. Swipe through the alphabetical list of apps and tap the app to enable or disable notifications.

Notification Access

Allow apps to read notifications.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Sounds and notifications** > **Notification access**.
3. Tap **On/Off** next to an app to turn the feature on.

Display Settings

Configure your display's brightness, screen timeout delay, and other display settings.

Change the Font Style and Size

You can set the font style and size for all text that is displayed on the screen.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Font** to choose a font style and font size.
   - **Font style**: Choose another font style, or tap **Download** to find new fonts from the Google Play store.
   - **Font size**: Choose a different font size.

Adjust the Screen Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Brightness** to customize options:
   - Tap **Automatic brightness** to allow the device to adjust brightness automatically.
   - Drag the **Brightness level** slider to set a custom brightness level.
3. Tap **OK** to save.

Note: You can also control Brightness from the Notification panel.

Screen Rotation

Use the front camera to rotate the screen based on the orientation of your face.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Screen rotation**.
3. Tap **On/Off**, and then tap **Smart rotation** to enable.

Smart Stay

Using the front camera to detect your face, the screen does not time out as long as you are facing the screen.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Smart stay** to turn the feature on.

Screen Timeout

Turn the screen off after a set amount of time.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Screen timeout** and choose a time period.

Screen Mode

Choose a screen mode to match your type of viewing. You can choose to have the device automatically adapt the display depending on the type of image being displayed, and other criteria such as battery level.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Screen mode** and choose a screen mode.
   - Tap **Adaptive display** if you want your device to automatically optimize the display to match the type of image being displayed and other criteria, such as battery level.

     – or –

     Choose a specific type of screen mode based on what you are viewing.

Reading Mode

Optimize the screen for reading with selected applications.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Reading mode**.
3. Tap **On/Off** to enable Reading mode.
4. Tap **Edit** to select additional applications for use with Reading mode.

Auto Adjust Screen Tone

Your device analyzes the images displayed on the screen and automatically adjusts the brightness to conserve battery power.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Auto adjust screen tone** to turn on the feature.

Daydream

The Daydream™ setting controls what is displayed on the screen displays when the device is docked (dock not included) or while charging. You can choose to display colors or display photos.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Daydream**.
3. Tap **On/Off** to turn on Daydream.
4. Configure the following options:
   - **Colors**: Display a changing screen of colors.
   - **Desk Home screen**: Select items to display while the device is docked. Tap **Settings** for options.
   - **Flipboard**: Display pictures from Flipboard. Tap **Settings** for options.
   - **Photo table**: Display pictures in a photo table. Tap **Settings** for options.
   - **Photo frame**: Display pictures in a photo frame. Tap **Settings** for options.
   - **Photos**: Display pictures from your Google Photos account. Tap **Settings** for options.
5. Tap **More options** for additional options:
   - **Preview**: See a demonstration of Daydream.
   - **Select when to daydream**: Select when your device can go into Daydream mode.

Touch Key Light Duration

Set the length of time **Recent** and **Back** remain lit after you tap them.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Touch key light duration** to choose a timeout period.

Increase Touch Sensitivity

Increase the sensitivity of the touch screen to improve results when wearing gloves.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Display** > **Increase touch sensitivity** to turn the feature on.

Wallpaper Settings

Change the look of the Home and Lock screens with wallpaper.

You can display a favorite picture or choose from preloaded wallpapers.

To change wallpaper:

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Wallpaper**.
3. Tap **Home screen**, **Lock screen**, or **Home and lock screen**.
4. Tap an image to preview it.
   - Tap **From Gallery** for additional wallpapers.
   - Tap **Bubbles** or **Phase beam** for animated wallpaper. Animated wallpaper consumes additional battery power.
   - Tap **Travel wallpaper** to see recommended travel destinations (Lock screen only).
5. Tap **Set as wallpaper** to select an image.

Lock Screen

Secure your device and protect your data with Lock Screen settings.

Set a Screen Lock

It is recommended that you secure your device using a Screen lock.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Lock screen** > **Screen lock** to select a screen lock and level of security:
   - **Swipe**: Swipe the screen to unlock it. This option provides no security.
   - **Pattern**: Create a pattern that you draw on the screen to unlock your device. This option provides medium security.
   - **PIN**: Select a PIN to use for unlocking the screen. This option provides medium to high security.
   - **Password**: Create a password for unlocking the screen. This option provides high security.
   - **Fingerprint**: Use fingerprint recognition to unlock the screen. This option provides medium to high security.
   - **None**: Do not lock the screen.

Note: Fingerprint recognition uses the unique characteristics of each fingerprint to enhance the security of your device. The likelihood of the fingerprint sensor confusing even small areas of two different fingerprints is very low. **But, in rare cases, the sensor may recognize a fingerprint that is similar to a registered fingerprint**.

3. If you choose a secured lock screen option, select your notification settings:
   - Show content
   - Hide content
   - Do not show notifications
4. Choose a screen lock option:

Swipe only

- **Unlock effect**: Set the visual effect used when unlocking the screen.
- **Help text**: Show help information on unlocking the screen on the Lock screen.

Pattern only

- **Pattern type**: Select a pattern type.
- **Make pattern visible**: Display the pattern as you draw it.
- **Vibration feedback**: Vibrate the tablet when the unlock pattern is entered incorrectly.

Pattern, PIN, Password, and Fingerprint only

- **Lock automatically**: Set a time-out for the lock screen.
- **Lock instantly with power key**: Instantly lock the device after pressing the power key.

All screen lock types

- **Clock widget options**: Set the size of the Clock widget that is displayed on your Home screens, and whether to show the date.
- **Owner Information**: Show owner information on the Lock screen.

Multi Window Settings

Turn on the Multi window feature.

To activate Multi window:

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Multi window**.
3. Tap **On/Off** to enable Multi window. The following option is available:
   - **Open in Multi window view**: Automatically open content in a Multi window view when an application is open in full screen view, if the applications support Multi window.

For more information, see Multi Window.

Notification Panel

Customize which Quick setting buttons appear on the Notification panel.

You can also customize which apps appear on the Recommended applications menu on the Notification panel when you perform certain actions, such as plugging in earphones.

To access Notification panel settings:

► From a Home screen, tap **Apps** > **Settings** > **Device** > **Notification panel**.

– or –

From the Notification panel, tap **View all** > **Edit**.

The following options are available:

- **Brightness adjustment**: Adjust the screen brightness from the Notification panel.
- **Recommended apps**: Show selected apps on the Notification panel after certain actions, such as connecting earphones. Tap **On/Off** to turn the feature on.

To customize which quick setting buttons appear at the top of the Notification panel:

► Touch and drag buttons to reorder them.

To use the default layout:

► Tap **Reset**.

For more information, see Notification Panel.

Recommended Apps

When you perform certain actions, such as plugging in earphones, the Notification panel can display shortcuts to your favorite related apps, such as Music Player or Google Play Music.

To customize which shortcuts appear on the Recommended apps menu:

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Notification panel** > **Recommended apps**.
3. Tap **On/Off** to turn the feature on.
4. Tap **Edit** and choose which apps to display on the Notification panel when you insert earphones or dock your device.

Toolbox

The Toolbox is a floating shortcut menu that displays on every screen, giving you quick access to your favorite apps.

To enable the Toolbox feature:

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Toolbox**.
3. Tap **On/Off** to enable the feature.
   - When activated, **Toolbox** is displayed on the screen.

To customize the Toolbox applications:

1. From the active Toolbox screen, tap **Edit** to select which apps to include in the **Toolbox**.
   - Some default apps are selected.
2. Tap **Done** when you a finished making your selections.

Note: A maximum of five apps can be selected at one time. Just uncheck and reselect to customize the Toolbox to your needs.

Motions

Control certain device actions by touching the screen with the palm of your hand or turning over the device.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Motions**.
3. Tap an option, and then tap **On/Off** to enable each of the following:
   - **Mute**: Mute sounds and video by covering the screen or turning over the device.
   - **Palm swipe to capture**: Capture an image of the current screen by swiping the side of your hand across the screen. The screenshot is saved to the clipboard and to the Screenshots folder in the Gallery app.

Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

Note: You can download additional accessibility applications from the Google Play store.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Accessibility** for options:

Vision

- **Switch access**: Use this option to control your device using configurable key combinations. Tap **On/Off** to turn the feature on. Tap **Settings** for more options.
- **TalkBack**: Speak feedback aloud to help blind and low-vision users. Tap **On/Off** to turn the feature on. Tap **Settings** for more options.
  - TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
- **Dark screen**: Keep the screen turned off at all times for privacy. TalkBack must be enabled in order to configure this option.
- **Rapid key input**: Release your finger to enter selection instead of double tapping. TalkBack must be enabled in order to configure this option.
- **Speak passwords**: Read the characters aloud as you enter your passwords. TalkBack must be enabled in order to configure this option.
- **Font size**: Set the font size.
- **High contrast fonts**: Adjust the color and outline of fonts to increase the contrast with the background.
- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Notification reminder**: Play a beep at set intervals to remind you of any unread notifications.
- **Negative colors**: Reverse the display of screen colors from white text on a black background to black text on a white background.
- **Color adjustment**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color.
- **Accessibility shortcut**: Quickly enable accessibility features in two quick steps. Tap to turn the feature on.
- **Text-to-speech options**: Set your preferred TTS engine and options. For more information, see Text-to-Speech Options.

Hearing

- **Flash notification**: Set your camera light to blink whenever you receive a notification.
- **Turn off all sounds**: Turn off all notifications and audio for privacy.
- **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available.
- **Google subtitles (CC)**: Use Google subtitles with multimedia files when available.
- **Sound balance**: Use the slider to set the left and right balance when using a stereo device.
- **Mono audio**: Switch audio from stereo to mono for use with one earphone.

Dexterity and interaction

- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
- **Press and hold delay**: Select a time interval for this action.
- **Interaction control**: Block areas of the screen from touch interaction. Disable auto screen rotation and hard key functions. Only show application notifications in the Notification panel and the Status bar.

More settings

- **Direct access**: Open your accessibility settings by pressing the Home key quickly three times in succession.
- **Single tap mode**: Dismiss or snooze alarms and calendar events with a single tap.
- **Manage accessibility**: Import and export your accessibility settings, or share them with other devices.

Services

Additional accessibility apps may be downloaded from the Google Play store. Certain accessibility services you install may be configured here.

Users

Share this tablet with multiple people by creating User accounts.

- Users have their own space, which they can customize with their own apps, wallpaper, and settings. Users can also adjust tablet settings like Wi-Fi, which affects everyone.
- Restricted profiles allow only limited access to apps and content.

Set Up User Profiles

Set up user profiles and then select one when unlocking the device to use personalized settings.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Users**.
3. Tap **Add user or profile** and follow the instructions to set up a new user or profile.

Delete a User or Profile

To delete a user or profile:

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Users**.
3. Tap **Delete user** next to a User profile.

Note: Only the device owner can delete other users or profiles. Deleting a user's profile removes the user account from the device entirely. This includes the user's Google Account, Samsung account, and any other local accounts associated with the user.

Switch User Profiles

To access the device with a user profile:

► From a Lock screen, tap **Manage users** and tap a profile.

– or –

From the Notification panel, tap **Manage users** and tap a profile.

Change User Account Nicknames and Photo IDs

The photo and name each user uses in their personal Contact entry (listed under **Me** at the top of their Contacts list) is used as their User ID and name.

To change their ID photo and name, each user can edit their personal Contact entry. For more information, see Edit a Contact.

Private Mode

Hide personal content from being accessed by anyone else using your device.

Private mode is only available for certain applications.

Note: A secure screen lock (Pattern, PIN, Password, or Fingerprint) is required to use Private mode.

Set Up Private Mode

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Private mode**.
3. Follow the prompts to learn about and set up Private mode.

Finger Scanner

Use fingerprint recognition as an alternative to entering passwords in certain apps.

You can also use your fingerprint to verify your identity when logging in to your Samsung account.

Note: Fingerprint recognition uses the unique characteristics of each fingerprint to enhance the security of your device. The likelihood of the fingerprint sensor confusing even small areas of two different fingerprints is very low. **But, in rare cases, the sensor may recognize a fingerprint that is similar to a registered fingerprint.**

Register a Fingerprint

You can register up to three fingerprints. A password is also set up as an alternative to your fingerprint.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Finger Scanner** > **Fingerprint manager**.
   - If no fingerprints are registered, you are prompted to scan your fingerprint. Follow the prompts to complete setup.
   - To register a fingerprint, tap **Add** and follow the instructions to register a fingerprint and password.

Rename a Fingerprint

To rename a fingerprint:

► Touch and hold the fingerprint, and then tap **Rename**.

Delete a Fingerprint

To delete a fingerprint:

► Touch and hold the fingerprint, and then tap **Delete**.

Change Your Backup Password

To change the backup password:

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Finger Scanner** > **Change backup password**.
3. Scan your fingerprint.
4. Enter a new backup password.

Fingerprint Verification

Fingerprint verification can be used for other accounts accessed from your device.

1. From a Home screen, tap **Apps** > **Settings** > **Device**.
2. Tap **Finger Scanner** for the following options:
   - **Screen lock**: Change your Screen lock and access Screen lock settings. For more information, see Set a Screen Lock.
   - **Web sign-in**: Access your online accounts using your fingerprint.
   - **Verify Samsung account**: Verify your identity using your fingerprint when logging in to your Samsung account.

Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Add an Account

Set up an existing account on your device or create a new account.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Accounts** > **Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

Ensure that the information on your device is updated with any information that changes in your accounts.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Accounts** > **[Account type]**.
   - Tap **Sync all** to synchronize all accounts of this type.
3. Tap an account to view the sync settings for that account.
4. Tap individual data items to sync.
5. Tap **More options** > **Sync now** to synchronize the account.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Note: Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Accounts** > **[Account type]**.
3. Tap an account to configure that account's sync settings.
4. Tap other available options for the account.

Remove an Account

You can remove accounts from your device.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Accounts** > **[Account type]**.
3. Tap the account, and then tap **More options** > **Remove account**.
4. At the prompt, tap **Remove account**.

Cloud Settings

Back up your personal data using your Samsung Account or Dropbox.

Using Your Samsung Account

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Cloud**.
3. Tap your Samsung account to manage your sync settings and backup options.
   - Tap **Add Samsung account**, If you have not signed in to your Samsung account.
   - Tap your account to configure settings.
   - Tap **Backup** to manage your back up and restore options.
   - Tap **Restore** to retrieve data from your Samsung account.

Using Your Dropbox Account

For more information about Dropbox, visit dropbox.com.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Cloud**.
3. Tap your Dropbox account to manage your sync settings and backup options.
   - Tap **Link Dropbox account**, If you have not signed in to your Dropbox account.
   - Follow the prompts to set up and use Dropbox.

Backup and Reset

Back up your data to Google servers. You can also reset your device to its factory defaults.

Backup and Restore

Enable backup of your information to your Samsung account or Google servers.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Backup and reset** for options:
   - **Back up my data**: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
   - **Backup account**: Select a Google Account to be used as your backup account.
   - **Automatic restore**: Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Personal Data

Restore your device to its default settings.

Reset Network Settings

You can reset Wi-Fi, Mobile data, and Bluetooth settings with Reset network settings.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Backup and reset** > **Reset network settings**.
3. Tap **Reset settings**, and confirm when prompted.

Factory Data Reset

You can reset your device to factory defaults, erasing all data from your device.

This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files. Any data stored on an external SD card is not affected.

To reset your device:

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Backup and reset** > **Factory data reset**.
3. Tap **Reset device** and follow the prompts to perform the reset.
4. When the device restarts, follow the prompts to set up your device.

Language and Input

Configure your device's language and input settings.

Language

You can select a default language for your device's menus and keyboards.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input** > **Language**.
3. Select a language from the list.

Default Keyboard

Select your default keyboard or input method.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input** > **Default**.
3. Select a keyboard.

Note: Additional keyboards can be downloaded from the Google Play store.

Samsung Keyboard

Configure options for using the Samsung keyboard.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input**.
3. Tap **Samsung keyboard** for the following options:
   - **Select input languages**: Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.
   - **Smart typing**: Use predictive text and correct common typing mistakes to improve input.
     - **Predictive text**: Predictive text suggests words that match your text entries, and can automatically complete common words. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
     - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.
   - **Key-tap feedback**: Play a tone or see character previews while typing.
   - **More settings**: Reset all keyboard settings.

Swype

Configure options for using the Swype keyboard.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input**.
3. Tap **Swype** for the following options:
   - **Settings**: Configure basic options.
   - **Themes**: Change the keyboard layout.
   - **My Words**: Manage your personal dictionary, new word updates, as well as how Swype can learn from your writing style in various apps.
   - **Languages**: Set the current language. Additional languages can be downloaded.
   - **Gestures**: Learn about using Swype gestures.
   - **Help**: View information on using Swype.

Google Voice Typing

Speak rather than type your text entries using Google voice typing.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input**.
3. Tap **Google voice typing** for the following options:
   - **Languages**: Select languages for Google voice typing.
   - **“Ok Google” detection**: Launch a Google search whenever you say “OK Google”.
   - **Hands-free**: Allow requests with the device locked.
   - **Speech output**: Select options for spoken feedback.
   - **Offline speech recognition**: Download and install speech recognition engines, allowing you to use voice input while not connected to the network.
   - **Block offensive words**: Hide recognized offensive voice results.
   - **Bluetooth headset**: Use audio input from a Bluetooth headset (not included), if one is connected.

Text-to-Speech Options

Configure your Text-to-speech (TTS) options. TTS is used for various accessibility features, such as TalkBack. For more information, see Accessibility.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input** > **Text-to-speech options** for the following settings:
   - **Preferred TTS engine**: Choose either the Samsung or Google text-to-speech engine. Tap **Settings** next to each TTS engine for options.
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
   - **Default language status**: Display the default language in use.

Pointer Speed

Configure pointer speed for an optional mouse or trackpad (not included).

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Language and input**.
3. Tap **Pointer speed**, and then drag the slider to the right to go faster or to the left to go slower.
4. Tap **OK** to save your setting.

Date and Time

By default, your device receives date and time information from the wireless network.

When you are outside network coverage, you may want to set date and time information manually using the date and time settings.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Date and time**.

   The following options are available:

   - **Automatic date and time**: Receive date and time updates from the wireless network. When Automatic date and time is disabled, the following options are available:
     - **Set date**: Enter the current date.
     - **Set time**: Enter the current time.
   - **Automatic time zone**: Receive time zone information from the wireless network. When Automatic time zone is disabled, the following option is available:
     - **Select time zone**: Choose your preferred time zone.
   - **Use 24-hour format**: Set the format for displaying time.

Accessories

Configure options when using HDMI audio devices (not included), or a book cover (not included).

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Accessories** for options:

HDMI

- **Audio output**: Select a sound output format to use when connecting your device to optional HDMI devices (not included). Some devices may not support the surround sound setting.

Book cover

- **Automatic unlock**: Flip the cover open to unlock the screen when secure lock is turned off.

Battery

View how battery power is used for device activities.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Battery** for options:
   - **Percentage on status bar**: Display the battery charge percentage next to the battery icon on the Status bar.
   - **Battery chart**: The battery level is displayed as a percentage. The amount of time the battery has been used is also displayed. Tap the **Battery chart** to view History details.
3. Tap **More options** for the following options:
   - **Optimize battery usage**: Choose apps to optimize their individual battery usage.
   - **Refresh**: Update the listing.

Apps and System Usage

Battery usage is displayed in percentages per application and system process.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Battery**, and then tap **Screen**, **Android System**, **Android OS**, or an app to view how they are affecting battery use.
3. Tap **More options** > **Refresh** to update the listing.

Note: Other applications may be running that affect battery use.

Power Saving

Conserve battery power by automatically adjusting the screen brightness, limiting the performance of the CPU, and other power reduction activities.

Ultra power saving mode saves even more battery power by using a grayscale theme on the Home screen and limiting the number of usable apps.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Power saving**.
3. Tap **On/Off** to turn on the following features:
   - **Power saving mode**: Save battery power by limiting your device's performance, limiting vibration feedback, and restricting location services and most background data.
   - **Ultra power saving mode**: Save battery power by applying a simplified grayscale theme to your Home screen and limiting the number of usable apps.

Storage

View the device memory and usage. Mount, unmount, or format an optional memory card (not included).

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Storage**.
3. Tap **Internal storage**, if an optional SD card is installed. Device storage used out of the total space available is displayed.

   The amounts of memory used are further divided into:

   - **Total space**: The total space in your device's memory.
   - **Available space**: The amount of storage space currently available.
   - **System memory**: The minimum amount of storage space required to run the system.
   - **Used space**: The amount of storage space currently being used.
   - **Other**: The space used by app data, downloaded files, and Android system files.
   - **Cached data**: The amount of data currently cached.
4. Tap **Explore** to launch My Files to view content stored on your device.

To increase available memory:

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Storage**.
3. Tap **Internal storage**, if an optional SD card is installed.
4. Tap **Cached data** to clear cached data for all apps.
5. Tap **Delete** to confirm.

Memory Card (SD Card)

Once an optional memory card (not included) has been installed in your device, the card memory is displayed in the Storage setting.

Note: The Portable storage option only appears when an optional memory card is installed.

Install a Memory Card

You can use a microSD or microSDHC card (not included) to add more memory space to your device.

For more information, see Install an Optional Memory Card.

Mount a Memory Card

When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you need to mount it before it can be accessed.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Storage**.
3. Under **Portable storage**, tap your SD card, and then tap **Mount**.

Remove a Memory Card

Warning: To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Storage**.
3. Under **Portable storage**, tap your SD card, and then tap **Unmount**.
4. Open the memory card slot cover and turn to expose the slot.
5. Gently press inward on the memory card so that it pops out from the slot, and carefully pull the card out.
6. Close the memory card slot cover.

Format a Memory Card

Warning: When formatting an SD card (not included), you should back up your music and photo files that are stored on the card because formatting the SD card deletes all of the stored data.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Storage**.
3. Under **Portable storage**, tap your SD card, and then tap **Format** and follow the prompts.

Security

Secure your device and protect your data with Security settings.

Device Administration

Manage your device administrators and application installation privileges.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Security** for options:
   - **Device administrators**: Add or remove device administrators.
   - **Unknown sources**: Enable installation of non-Google Play apps.

Warning: Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Encryption

Require a numeric PIN or password to decrypt your device each time you power it on or encrypt the data on a memory card (not included) each time it is connected.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Security** for options:
   - **Encrypt device**: Encrypt all data on your device.
   - **Encrypt SD card**: Encrypt data on a memory card (not included).

Find My Mobile

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely.

To access your device remotely, visit findmymobile.samsung.com.

Note: You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Security**.
3. Under **Find My Mobile**, the following options are available:
   - **Remote controls**: Lock and erase your data remotely if your device is lost or stolen.
   - **Go to website**: Launch the Find My Mobile website.
   - **Reactivation lock**: Use your Samsung account to prevent anyone from reactivating your device.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Security**.
3. Tap **Make passwords visible** to turn the feature on.

Security Update Service

Automatically receive security updates.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Security** for options:
   - **Security policy updates**: Automatically or manually check for security policy updates.
   - **Send security reports**: Send security reports to Samsung using Wi-Fi for threat analysis.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Security** for options:
   - **Storage type**: Select a storage location for credential contents.
   - **Trusted credentials**: Display certificates in your device's ROM and other certificates you have installed.
   - **Install from device storage**: Install a new certificate from storage.
   - **Clear credentials**: Erase the credential contents from the device and reset the password.

Advanced Security

Protect your device with these advanced security options.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **Security** for options:
   - **Trust agents**: Perform selected actions when trusted devices are connected.
     - To view Trust agents, set up a secured screen lock (Password, PIN, Pattern, or Fingerprints). For more information, see Set a Screen Lock.
   - **Pin windows**: Pin a specific app on your device screen. Follow the prompts.
   - **Usage data access**: View the applications that can access your device's usage history.
   - **Smart Lock**: Set your device to stay unlocked when you have trusted devices connected or when it is in a trusted place. (Only available when a secure screen lock is set.)
     - To view Smart Lock, set up a secured screen lock (Password, PIN, Pattern, or Fingerprints). For more information, see Set a Screen Lock.
   - **Do not disturb permission**: View which apps have permission to change the Do not disturb settings.

About Device

View information about your device, including current status, legal information, hardware and software versions, and more.

1. From a Home screen, tap **Apps** > **Settings** > **General**.
2. Tap **About device**, and then tap items for more details:
   - **Download updates manually**: Check for software updates.
   - **Scheduled software updates**: Enable automatic installation of available software updates at the time of your choosing.
   - **Status**: View the status of the battery, network, and other information about your device.
   - **Legal information**: View legal notices and other legal information, including your embedded Samsung legal information.
   - **Report diagnostic info**: Consent to send diagnostic and usage data about your device to Samsung.
   - **Device name**: View and change your device's name.
   - Additional device information includes the Model number, Android version, Build number, and more.

Application Manager

You can download and install new applications on your device. Use Application manager settings to manage your downloaded and preloaded applications.

Warning: Because this device can be configured with system software not provided by or supported by Google or any other company, you operate this software at your own risk.

Application Manager Options

If you have disabled apps, you can choose whether to display them.

1. From a Home screen, tap **Apps** > **Settings** > **Applications**.
2. Tap **Application manager**.
3. If you have disabled applications:
   - Tap **Menu** at the top of the screen.
   - Tap **All apps**, **Enabled**, or **Disabled**.
4. Tap **More options** for the following options:
   - **Show/Hide system apps**: Show or hide system (background) apps.
   - **App permissions**: Control which apps have permissions to use certain features of your device.
   - **Apps that can appear on top**: Choose apps that can run on top of other running apps.
   - **Change system settings**: Select which apps can change system settings.
   - **Reset app preferences**: Reset options that have been changed. Existing app data is not deleted.

Manage Apps

You can view and update information about an application, including memory usage, default settings, and permissions.

1. From a Home screen, tap **Apps** > **Settings** > **Applications**.
2. Tap **Application manager**.
3. Tap an application to view and update information about the application. The following options are displayed:
   - **Uninstall/Disable**: Uninstall or disable the application. Preloaded apps can only be disabled.
   - **Force stop**: Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
   - **Storage**: Manage the app's storage usage.
   - **Data usage**: View mobile data usage.
   - **Permissions**: View permissions granted to the app for access to your device's information.
   - **Notifications**: Configure notifications from the app.
   - **Set as default**: Set the app as a default for a certain category of apps.
   - **Battery**: View battery usage since the last full charge.
   - **Memory**: View memory usage.

Note: Options vary by application.

Default Applications

If you have multiple applications of the same type, such as email apps, you can select one app to be the default.

You can also use a simpler Home screen that provides an easier user experience for first-time users.

1. From a Home screen, tap **Apps** > **Settings** > **Applications**.
2. Tap **Default applications**.
3. Tap the following to choose default apps:
   - **Browser app**: Choose a default browser app.
   - **Set as default**: Choose default apps for other functions.
   - **Home screen**: Choose a Home screen type.
   - **Device assistance app**: Choose an app that provides assistance for using your device.

Application Settings

Shortcuts to the settings for various apps are available in one convenient location.

1. From a Home screen, tap **Apps** > **Settings** > **Applications**.
2. Tap one of the following to display the settings for the selected app:
   - **Contacts**
   - **Email**
   - **Gallery**
   - **Internet**
   - **Calendar**
   - **S Voice**

Google Settings

Configure your device's Google settings.

Customize Google

To customize your Google settings:

1. From a Home screen, tap **Apps** > **Settings** > **Applications**.
2. Tap **Google**, and select an option to customize:
   - **Ads**: Configure your Google advertising profile.
   - **Location**: Configure your Google location settings.
   - **Nearby**: Use your device's sensors to connect with nearby devices.
   - **Search & Now**: Configure your Google search settings and Google Now settings.
   - **Security**: Configure the Android Device Manager and apps security settings.
   - **Set up nearby device**: Set up another device using Wi-Fi and Bluetooth.

Note: These options may change if you are signed in to your Google Account.